NIKON F100
"Affordable" Pro

DIGITAL PRINTS ARE BEST!
Galen Rowell's "Conversion"

TWO SIGMA 70-300s
Pro APO & Budget Twin

Outdoor Photographer

SCENIC WILDLIFE TRAVEL

JUNE 1999

HOW TO SPECIAL

Improve Your Scenics

Advanced Flower Tips

Better Bird Photos

Bad Weather Solutions

Find Your Perfect Spot

DAVID MUENCH
Captures Dramatic Landscape Light

In-Your-Face SAILING ACTION

$3.99US $4.50CAN
06>
0 09281 01437 9

www.outdoorphotographer.com

Mamiya 7 II

COMPACT, LIGHT, QUIET, FAST

The new Mamiya 7 II is so compact, lightweight and versatile, it's ideal for anything from fast moving photojournalistic assignments to breathtaking panoramas. Now with added features: multiple exposure, improved finder brilliance, plus added convenience functions for exposure adjustments and activating internal dark slide curtain. Also available in black.

FIVE LENS SYSTEM

World-class lenses of superior optical quality are vital components of the Mamiya 7 II System. Now including an ultra-wide 43mm f/4.5 lens. Plus a new 50mm f/4 wide angle. The compact system is completed with 65mm, 80mm, and 150mm lenses. Each lens for the Mamiya 7 II has a built-in, super-accurate, super-quiet, electromagnetic leaf shutter fully flash-synched at all speeds from 1/500 sec. to 4 seconds.

DUAL FORMAT

Now you can shoot 6x7cm Ideal Format on 120 or 220 film. Or, spectacular panoramic images 24x65mm on standard 35mm film. Utilize the full height of 35mm film and the full width advantage of 6x7 film, with the optional panoramic adapter.

SPECIAL OFFER

New 35mm Panoramic 24x65mm Adapter Kit can be yours for just $25 ($200 value) at your dealer with the purchase of a Mamiya 7 or 7 II camera body.

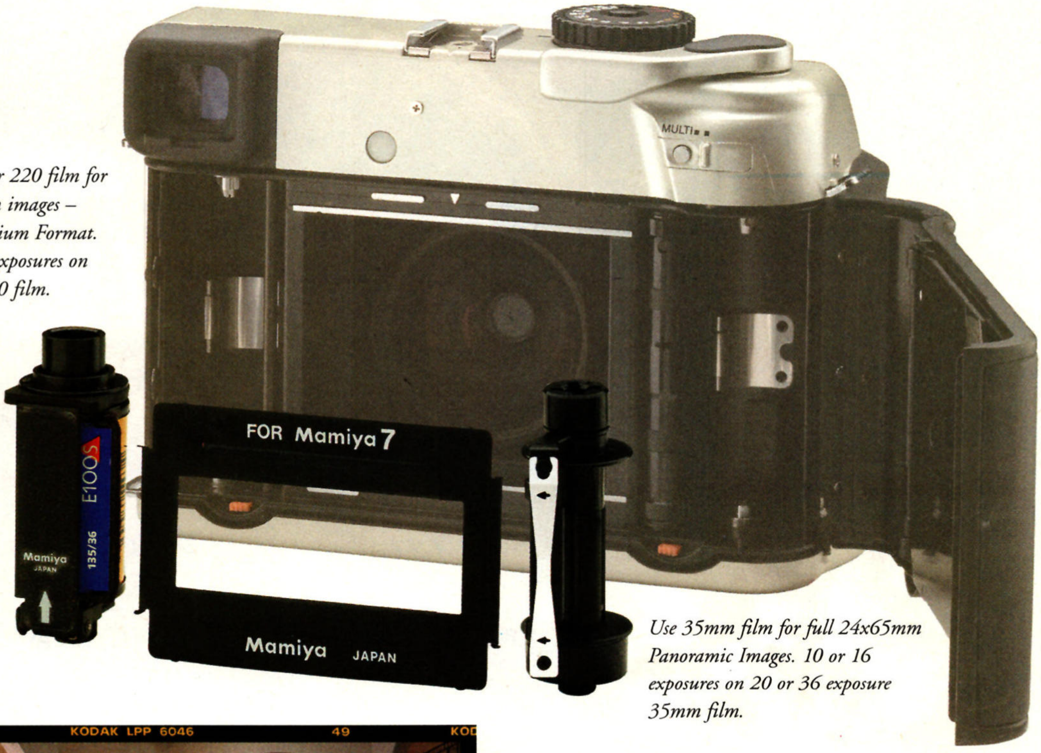
See it now at your authorized Mamiya dealer or, write, phone or e-mail for more information.

Mamiya®
master of the medium®

MAC **MAMIYA AMERICA CORPORATION** 8 Westchester Plaza, Elmsford, NY 10523 • Phone: 914-347-3300 • Toll free FAX: 800-321-2205 • www.mamiya.com • E-mail: info@mamiya.com

Dual Format

6x7cm PLUS 35mm PANORAMA


MULTI
E100S
135/36
Mamiya
JAPAN
FOR Mamiya 7
Mamiya JAPAN

Use 120 or 220 film for full 6x7cm images – Ideal Medium Format. 10 or 20 exposures on 120 or 220 film.

Use 35mm film for full 24x65mm Panoramic Images. 10 or 16 exposures on 20 or 36 exposure 35mm film.

6x7cm

48
KODAK LPP 6046
49
KOD
7

35mm

AK 5005 EPP
7
KODAK 5005 EPP
8
6A
7
7A
8

Images shown actual size

SENSATIONAL OFFERS DIRECT FROM MAMIYA*

$300 Cash Rebate
with the purchase of any new Mamiya 7 or 7 II Camera Body

***plus* $100 Cash Rebate**
with the purchase of each new Lens for Mamiya 7 or 7 II

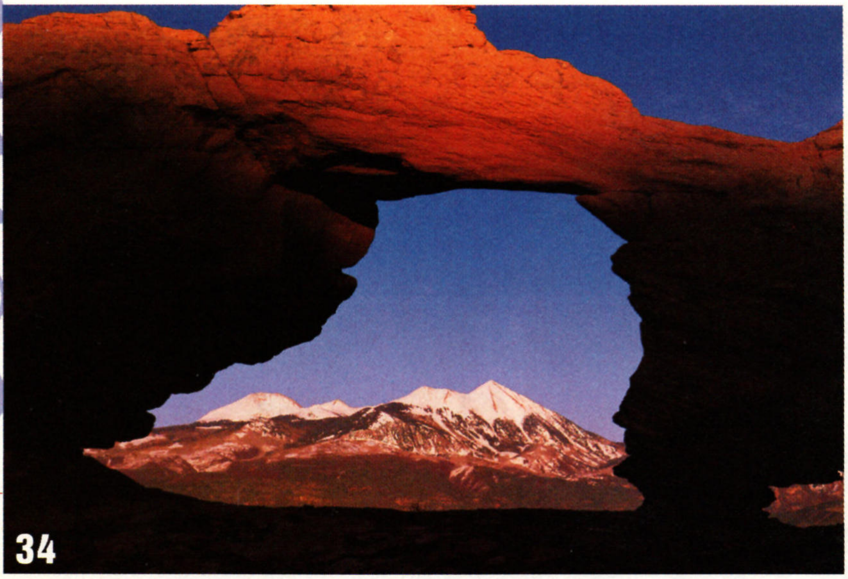
OR FREE Cabin 6x7 Slide Projector ($1,200 value)
with the purchase of a new Mamiya 7 or 7 II Camera Body with 2 lenses

Limited Time Offer for purchases made after May 1, 1999. *See Mamiya Bonus Booklet for complete Terms of Offer.

Contents

Outdoor Photographer

June 1999 Scenic Travel Wildlife Sports Vol. 15 No. 5



Features

34 Plateau Light

"It's the country—its power, its intimate details—that's the star here. Not me."—David Muench

By ***James Lawrence***

Photography By ***David Muench***

54 Ultimate Sailing

Sharon Green's ability to be in the perfect spot allows her to capture the fever-pitched action on the water

By ***Christopher Robinson***

Photography By ***Sharon Green***

64 The World's Best Prints

New technologies give photographers the chance to get amazing prints from their images

Text And Photography By ***Galen Rowell***

70 View To A Kill

This wildlife professional is a witness to the destruction of rain forest habitat and the associated slaughter of great apes in the jungles of Central Africa, but few are willing to publish the photos of a world no longer in order

Text And Photography By ***Karl Ammann***

How-To Special

42 Bad Weather, Great Images

Rainy, overcast days are wonderful opportunities for you to make unique photographs

Text And Photography By ***Jane Wingate***

46 Advanced Flower Techniques

Bored with the standard wildflower shots? Try these tips to add new creativity to your images.

Text And Photography By ***Tim Fitzharris***

50 Just Wing It

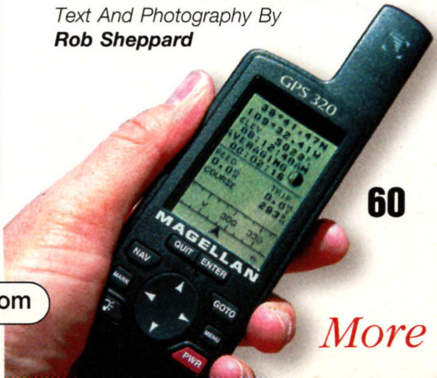
Get your best bird photographs ever with these tips from an expert

Text And Photography By ***Marie Read***

60 Find Your Spot

Modern navigation equipment can be valuable tools for the photographer

Text And Photography By
Rob Sheppard



Check out our Web site @ www.outdoorphotographer.com

More On Next Page ▸

- A. NEED GLASSES
- B. IDENTICAL TWINS
- [✓ C.] YOUR PHOTOGRAPH

© Eastman Kodak Company, 1999. Kodak, Advantix and Take Pictures. Further. are trademarks.

ADVANTIX
C700
Kodak

[SOLUTION: THE KODAK ADVANTIX CAMERA WITH DROP-IN FILM LOADING PREVENTS DOUBLE EXPOSURES]

KODAK ADVANTIX. The camera that gets it right. The C700 camera has drop-in film loading, red-eye reduction, three picture sizes for good framing every time and an index print, so you can reprint only the shots you want. In other words, you can know very little about picture making and still make great pictures.

ADVANCED PHOTO SYSTEM

TAKE PICTURES. FURTHER.™

Kodak

www.kodak.com

Outdoor Photographer

Equipment

76 Dynamic Lens Duo

A pair of new 70-300mm lenses from Sigma have a broad range and give impressive results

Text And Photography By ***Graeme Fordyce***

76

78 Additions To Your Film Arsenal

Agfa's new slide and print films offer excellent results from the field

Text And Photography By ***David Welling***

82 Generation Next

The new Nikon F100 gives you the confidence that you'll bring home your best images

Text And Photography By ***John Shaw***

86 Gadget Bag: Find Yourself

The middle of nowhere is a great place to get photos—and get lost

By ***William Sawalich***

24

82

12

Columns

16 TECH TIPS:

Print Permanence

By George Lepp

20 WILDSIDE:

Avian Treasure Troves

By Leonard Lee Rue III

24 ON LANDSCAPE:

Resonance

By William Neill

28 PHOTO ADVENTURE:

The Long Way To Machu Picchu

By Galen Rowell

32 WORLD VIEW:

Backyard Ghost

By Frans Lanting

Departments

8 Letters
9 Cover Shot
10 In This Issue
12 In Focus
26 Favorite Places: Malibu, California
90 Travel & Workshops
103 Almanac
134 Last Frame

12

Outdoor Photographer

Editorial

Steven D. Werner • *Publisher/Editorial Director*
Rob Sheppard • *Editor*
Kurt R. Smith • *Art Director*
Christopher Robinson • *Managing Editor*
Maggie Devcich • *Associate Editor/ Editorial Production Manager*
William Sawalich • *Features Editor*
Wes G. Pitts • *Associate Editor*
Melissa Brandzel • *Copy Editor*
George Lepp • *Field Editor*
Lisl Dennis, Dewitt Jones, Frans Lanting George Lepp, William Neill, John Netherton Galen Rowell, Leonard Lee Rue III
Columnists
Michelle Balog, Graeme Fordyce, Mark Harris Lewis Kemper, James Lawrence
Contributing Editors
Kevin Crosslin
Associate Art Director
Jim Brandenburg, Daryl Benson, Carr Clifton Tim Fitzharris, Jeff Foott Robert Glenn Ketchum, David Muench Michael Nichols, Chris Noble Pete Saloutos, David Stoecklein, Art Wolfe
Professional Advisors

Advertising

(310) 820-1500
Debra I. Levine • *Advertising Director*
Michael E. McMann • *Advertising Sales Manager*
Michele Guido • *Advertising Sales Manager*
Pamela Perrine • *Special Classification Advertising Manager*
Regina Talley, Claudia Warren
Advertising Coordinators
Rachel Brenna, Zen Warne
Marketing Assistants

Operations

Lynne Irvine • *General Manager*
Dorothy Werner • *Vice President*
Jesse Garcia • *Production Manager*
Dan Regan • *Circulation Director*
Liam Gibson, Jennie Wilbur • *Circulation Coordinators*
Stan Schuler • *Newsstand Circulation Advisor*
Lorie Primm • *Accounting Manager*
Hanni Duran • *Accounting Assistant*

Printed in the U.S.A.

Outdoor Photographer *is published monthly except bimonthly Jan./Feb. and Jul./Aug. by Werner Publishing Corp. Executive, editorial and advertising offices: 12121 Wilshire Blvd., Ste. 1200, Los Angeles, CA 90025-1176, (310) 820-1500. e-mail us (editorial matters only) editors@outdoorphotographer.com or visit our Web site at www.outdoorphotographer.com*

Copyright © 1999 by Werner Publishing Corp. No material may be reproduced without written permission. This publication is purchased with the understanding that information presented is from many sources for which there can be no warranty or responsibility by the publisher as to accuracy, originality or completeness. It is sold with the understanding that the publisher is not engaged in rendering product endorsements or providing instruction as a substitute for appropriate training by qualified sources.

EDITORIAL SUBMISSION: **Outdoor Photographer** *assumes no responsibility for solicited or unsolicited contributions and materials. Submissions for review should be limited to no more than 40 photographs. Please submit duplicates for our review. Otherwise, insurance for such materials, in transit or in our possession, must be the responsibility of the writer or photographer.* **Outdoor Photographer** *does not accept or agree to the conditions and stipulations printed on delivery memos, packing slips and related correspondence as they are presented without prior notice accompanying submission materials. Exceptions to this disclaimer of liability on the part of* **Outdoor Photographer** *must be prearranged, executed in writing and signed by both parties prior to the shipment of materials in question. All submissions must be accompanied by a self-addressed, stamped envelope (SASE) with sufficient postage to cover the cost of return. The class of mail and insurance coverage for returns will be determined by the amount provided for on the SASE. Writer/photographer guidelines are available on request, with the enclosure of an SASE. BACK ISSUES are available for one year prior to the current issue. To order within U.S., send $4.50 plus $2.50 postage and handling (foreign: $4.50 plus $5.00), for each issue to Back Issue Dept.,* **Outdoor Photographer** *Magazine, 12121 Wilshire Blvd., Suite 1200, Los Angeles, CA 90025-1176. No orders processed without proper funds and specific issue information.*

Subscription Problem? Call 800-283-4410
or e-mail: outdoorphotographer@neodata.com

Member, Audit Bureau of Circulations

EVEREST·2
DIRECTOR BREASHEARS
95
ROLL SCENE
Energizer
PHOTO
EL123AP
AA
CR2
EL223AP

"Every step up Everest was breathtaking, and Energizer® gave us the power to make it happen!"

David Breashears
IMAX Film Producer

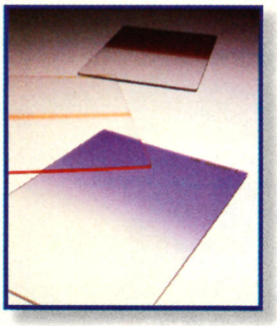
Whether you're shooting in the most extreme conditions, or the most ordinary, you can depend on Energizer Lithium AA photo batteries to help you achieve the perfect picture. With up to triple the flashes, a much faster recycle time, and at least 5 times more shots in digital cameras, you'll know you have the power you need when there are no second chances.
That's why serious photographers-professional or amateur-count on the long-lasting, dependable performance of Energizer.

ENERGIZER PHOTO.
THE BEST AA BATTERY ON THE FACE OF THE EARTH.

©1999 EVEREADY Battery Company, Inc.

EVEREST
A MacGillivray Freeman Film Presented by Polartec® www.everestfilm.com

LEE Filters
New Graduates!



Twilight Set

LEE Filters has added four new filter sets to its line of introductory resin sets: The Sunset, Sunrise, Landscape, and Twilight Sets. With the introduction of the four sets, *LEE* is premiering new colors which are designed for specific shooting situations.

Twilight Set:
Twilight*
Mahogany #3*
Pale Coral Stripe*

Sunrise Set:
Mahogany #1*
Straw #2*
Straw Stripe*

Landscape Set:
Sepia #2
Real Blue #2*
Straw #2*

Sunset Set:
Sunset Red*
Sunset Orange*
Sunset Yellow*

*new colors

The Foundation Kit

filter holder was designed for professionals who need versatility and simplicity. It can attach to virtually any lens and accepts 4" x 4" and 4" x 6" filters. With the *LEE* system there is no need to buy the same filter in different sizes.

- Snaps on and off camera easily
- Gel, 2mm and 4mm thick filters can be used in a configuration you design
- Filters can be shifted and rotated for precise alignment
- A variety of lens hoods are available

Call or write for the location of a dealer near you.

US Headquarters:
2237 North Hollywood Way, Burbank, CA 91505

Other North American Offices:
Teterboro, NJ, Chicago, IL, Toronto, Ontario

International Office:
Andover, Hampshire, England

LEE Filters

1-800-576-5055
Fax: 1-818-238-1228

A division of Panavision International, L.P.

The Big Show

The "Showcase" article in the May issue of *OP* was a nice change of pace. I hope you'll continue to do more articles like that one. It showed some different-looking photography by lesser-known people.

Norman Hoen
Berkeley, California

We're happy to hear that you enjoyed it. "Showcase" is a new periodic feature that will spotlight images from a variety of photographers. We want to bring our readers really beautiful photos from a broad range of places.

Landscape Lessons

I'm constantly amused by some postings I see on the Internet and even in some other magazines concerning the inclusion of people and human artifacts in a landscape. It seems that there are a lot of photographers out there who believe that a landscape is only a landscape if it's pristine. I've always believed that beauty in the natural world can exist even where people have had considerable influence on the landscape.

In this regard, I appreciated the article with James Kay's photographs in the May issue of your magazine. While not the type of photographs I'm likely to take, I think they're very good to show. Also, just because one doesn't intend to take pictures in a particular style doesn't mean that the style is invalid. These are just some thoughts that were provoked by the article.

People in the landscape

Hans Mueller
Via e-mail

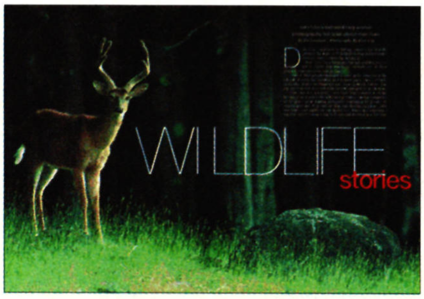
Master Class

Whenever I feel like I'm starting to become a really good photographer, I get an *OP* with a Frans Lanting photograph that blows me away (April 1999, in this case). Then I realize how far I have to go. I live near the ocean in Florida and I see birds like the sanderlings all over, but I've never seen a photograph that captures them as well. Frans' discussion of how he took the picture was equally fascinating. Frans, my hat is off to you—again.

Jodi Rorcher
Palm Beach, Florida

Wildlife Stories

I get more than my fair share of nature magazines delivered to the house. I have to say, if you keep up with issues like the May 1999 issue, I'll have to reconsider why I subscribe to other magazines. I'm mostly interested in wildlife pictures, and the Dan Cox photographs were simply inspiring. Other magazines seem to print boring pictures that don't give you any real feel for the animal. Mr. Cox's photos, though, seem to tell a whole story in themselves.



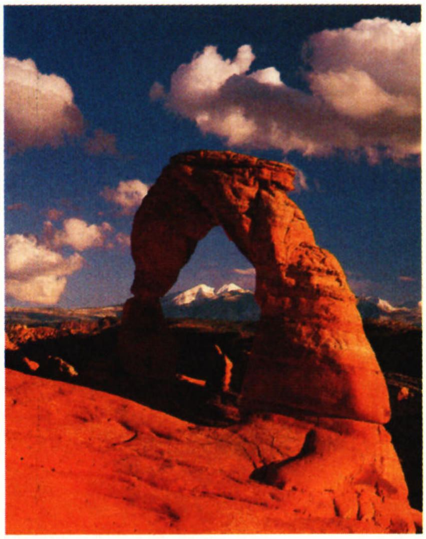
Name and address withheld

Errata

In the May issue of *Outdoor Photographer,* the name of Dan Cox's Web site was incorrectly listed. The address is www.naturalexposures.com. Check it out.

Send your questions to: Letters to the Editor, OUTDOOR PHOTOGRAPHER Magazine, 12121 Wilshire Blvd., Ste. 1200, Los Angeles, CA 90025-1176, or e-mail us at editors@outdoorphotographer.com (editorial matters only). For subscription concerns, call (800) 283-4410. Visit our Web site at www.outdoorphotographer.com.

COVER SHOT



Photographer: David Muench
Subject: Delicate Arch and mountains, Utah
Equipment: Linhof Technika Field 4x5, Nikkor 210mm, polarizer, Gitzo tripod, Linhof ballhead
Situation: Although I've been photographing the Colorado Plateau for many years, I never get tired of it. The plateau is like an old friend who always has something new to offer. In June of 1997, I was traveling in the area, taking photographs for *Plateau Light*. It was late in the project, and I was trying to get the final images for the book.

When I'm traveling like this, I like to have a few pictures in my mind's eye that I'm looking for. I don't really like to completely plan them down to the last detail. I just keep the ideas in the back of my head and I watch the conditions on a given day for what might work.

On this particular day, there was a snowstorm over the mountains in the background, and the wind and weather made me think that Delicate Arch would look like I had envisioned. When I climbed up to the arch, everything was coming together nicely—the fresh snow on the mountain tops, the deep blue of the smogless sky and the cumulus clouds clearing from the recent storm. With the clearing afternoon sky, I knew I'd get the right light on the arch itself. It was very good luck.

Whenever I go to Delicate Arch, I marvel at it. It seems so improbable that it could be there and yet it is there—and it has been for a very long time.

NATIONAL AUDUBON SOCIETY
Rare Bird by tasco

Only one species wears
this distinguishing mark.

Tasco introduces the Rare Bird Collection.™ The 1st binoculars designed just for birders, and the only binoculars now approved by the National Audubon Society. Birders know there's no single "best" binocular for every use, so Rare Bird offers a choice of magnifications, sizes, even prism types.

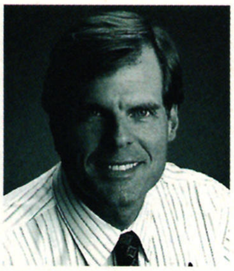
And Rare Bird makes every choice an excellent one, with uncompromising optics and a lifetime warranty. Our goal is to keep the skies alive with birds, by creating a new awareness of nature's rare treasures. For more information, call 1-888-GET-TASCO.
www.rarebirdbytasco.com
Rare Bird by Tasco.
From rare to aware.™

Rare Bird
COLLECTION

tasco®
Now you see.™

©1999 Tasco Sales, Inc.

▲ Circle No. 189 on Reader Service Card.



I've always been surprised that the slaughter of chimpanzees and lowland gorillas in Central Africa hasn't caught on like other causes for whales, porpoises, fur seals, owls, etc. Truly, the great apes are our closest animal relatives, so the utmost empathy should come easily.

Thanks to the anthropomorphic image and celebrity status of the mountain gorillas fostered by the feature film *Gorillas In The Mist*, anytime a few family members or a silverback is killed by poachers or guerrillas, news items appear in the world press and there's an outcry on environmental Web sites. Yet, on the other side of the continent, countless numbers of the mountain gorillas' cousins are falling prey annually to poaching and loss of habitat related to the harvesting of the rain forests. Still, the Western press and conservation groups have been all too slow to take up the cause for any number of reasons, political and otherwise. Add to this tragedy the fact that in this part of the world, our close relatives are being killed to be eaten, and you'd think that this gruesome reality would be enough to stoke the emotional fires of those who have been historically disgusted by dolphins suffocated in tuna nets and seals clubbed for fur coats.

Back in 1995, Karl Ammann, who had been a contributor to *Outdoor Photographer* for several years, brought to our attention the plight of great apes in the lowland jungles of Central Africa. We published an article, "Primates In Peril" (February 1996), which generated the expected response from readers who were appalled by the photos (that had no place in a nature photo magazine) and by a more than expected number of readers who expressed an appreciation for why the photos were relevant in both a photo magazine and as nature-photojournalism. For our part, we consider that outdoor photography and environmental preservation go hand in hand, and pertinent photos aren't limited to what Ammann refers to as "world in order" images. (Several years ago, we published what Robert Ketchum calls his "hard fact" images, which recorded violations of the landscape.)

For the past three years, Ammann has had some success campaigning the cause of the apes and his photos in Europe, but America has been standoffish until just recently. Now, with the publicized link between the killing and eating of apes and the origination of the HIV virus in humans, the topic has started to gain momentum. Articles in publications like the *New York Times* and *SINRA* (Japanese nature magazine), plus past CNN and planned network news coverage, were generated more likely to capitalize on the public's sentiments surrounding AIDS issues rather than outrage over the needless elimination of a species or two.

In this issue, we elected to publish on the subject once again with "View To A Kill." As in 1996, the 35mm SLR (Ammann also carries a compact digital camcorder) remains a potent device for surreptitiously collecting documentary material in sensitive situations and then disseminating those images to generate public awareness.

Historically, the likes of Ansel Adams, Elliot Porter and Philip Hyde galvanized public support for environmental issues in the West with images of grand beauty. Ammann would argue that the pace of destruction in Central Africa is just too rapid for the same approach.

—Steve Werner, Publisher/Editorial Director

It's not your heart that's racing.
It's the
nerve
endings
in your
index
finger.
MINOLTA
MAXXUM
9

© 1999 Minolta Corporation.

MAXXUM 9

the world's fastest shutter speed of 1/12,000 second

The Maxxum 9 has the world's fastest shutter speed of 1/12,000 second. A flash sync speed of 1/300 second. A continuous high-speed film drive of 5.5 frames per second. An indestructable body made of aluminum and steel. And over twenty customizable functions to match your shooting style. Together, they allow you to capture, clearly and precisely, the most powerful shots at the most powerful moments. Will your index finger be ready?

MINOLTA
www.minoltausa.com

- *Extra-rugged stainless steel body*
- *100% field of view*
- *5.5 fps continuous shooting*
- *Multiple power sources*

▲ Circle No. 226 on Reader Service Card.

IN FOCUS

Mamiya 7II
Mamiya

Mamiya 7II

Capture more detail with medium-format film and the newly improved Mamiya 7II. The only 6x7cm rangefinder with interchangeable lenses, the 7II system is light, compact and handles like a 35mm SLR. Price: $1,979 (body only). **Contact:** Mamiya, (914) 347-3300, www.mamiya.com.

Rectilinear Ultra-Wide

Keep the straight lines straight in your ultra-wide images. **Tamron's new AF 14mm Aspherical IF lens delivers a huge angle of view and focusing to eight inches.** Hybrid Aspherical elements minimize edge curvature, while a fast *f*/2.8 aperture allows short exposures in lower light. Price: $2,180.

Contact: Tamron, (800) 827-8880, www.tamron.com.

Steiner Binoculars

Find your next subject easily with Steiner's Navigator binoculars. Once adjusted to your eyes, these slim, rugged, inexpensive binoculars are sharp from 20 feet to infinity, allowing focus-free scene scanning. Price: $400.

Contact: Steiner, (800) 257-7742, www.pioneer-research.com.

Fast Film Scans

Get fast and professional digital images with Canon's new film scanner. With 36-bit color depth, D-max of 3.2 and 2720-dpi resolution, the **CanoScan FS2710** produces high-quality scans from your 35mm and APS films. Price: $1,100.

Contact: Canon, (800) OK-CANON, www.usa.canon.com.

Snoot Boot

Carry your lenses safely with form-fitting protection. **The Snoot Boot from Op/Tech USA is cylindrical, just like your lenses, so they're cradled safely for easy access.** Prices: $14.50 to $16.95.

Contact: Op/Tech USA, (800) 251-7815, www.optechusa.com.

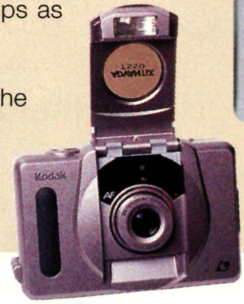
Photograph Mexico

Help a good cause and perhaps win prizes by entering United For Conservation's "Mexico's Nature" photography contest. Organized to showcase the conservation of Mexico's natural heritage, the contest is open to photographers worldwide.

For more information, visit the World Wildlife Fund online at www.worldwildlife.org.

PENTAX
AF
efina AF50

TIARA
FUJIFILM



Small Wonders

With a go-everywhere, compact APS point-and-shoot, you can carry a camera in your shirt pocket. **Kodak's Advantix T550** is an inexpensive, ultra-compact camera with some big features, such as PQIX technology, which records picture-taking conditions on a film cassette to optimize photofinishing. Price: $149.95. **Contact:** Kodak, (800) 235-6325, www.kodak.com.

For the fashion-conscious photographer, **Fujifilm's Endeavor 1010ix Tiara** is stylish without compromising performance. The multiprogrammed flash and close focusing at 1.2 feet prove that form can easily accompany function. Price: $369.95. **Contact:** Fujifilm, (800) 800-FUJI, www.fujifilm.com.

Convenient controls make the **Efina AF50** from **Pentax** a very user-friendly point-and-shoot. A 24mm lens and three framing choices make close-ups as easy as landscapes. Price: $87. **Contact:** Pentax, (303) 799-8000, www.pentax.com.

The metal-encased **Braun XM-1** comes ready to shoot right out of the box, with all the APS benefits—mid-roll change, multiple formats, data imprinting and automatic exposure—in a rugged package. Price: $205. **Contact:** HP Marketing, (973) 808-9010, www.hpmarketingcorp.com.

OLYMPUS
IS-30 DLX

Olympus IS-30 DLX

Lighten your hiking or traveling load with a versatile, compact, one-piece SLR. **The IS-30 DLX from Olympus uses an integral zoom lens to give a compact, user-friendly camera the freedom of multiple composition choices.** Price: $600. **Contact:** Olympus, (800) 622-6372, www.olympus.com.

Quest Gold Rechargeable Batteries

Shoot longer with environmentally friendly Quest Gold nickel-metal hydride (NiMH) batteries. Their high capacity gives them twice the life of other rechargeable batteries, making them great for high-drain digital cameras and flashes. Price: $24.99 to $39.99.

Contact: Harding Energy, (616) 798-7033, www.hardingenergy.com.

Take A Hike

Get protection and support while photographing afield with the Voyager ultra-light boot from Tecnica. Durable leather provides abrasion protection, and the nickel D-ring closures won't corrode, extending the life of the boot. Price: $150.

Contact: Tecnica, (800) 258-3897, www.tecnicausa.com.

Versatile Traveling Companion

Whether you're packing for a photo safari or a family getaway, the Galileo Adventure Travel Pack from The North Face does it all. Tuck away the straps and lock the riveted security cable, and it becomes worry-free luggage. Or go hiking with a sleeping bag and outdoor essentials and let the hipbelt and shoulder straps carry the load. Price: $175 to $235.

Contact: The North Face, (800) 719-NORTH.

THE NORTH FACE

IN FOCUS

Dry Goods

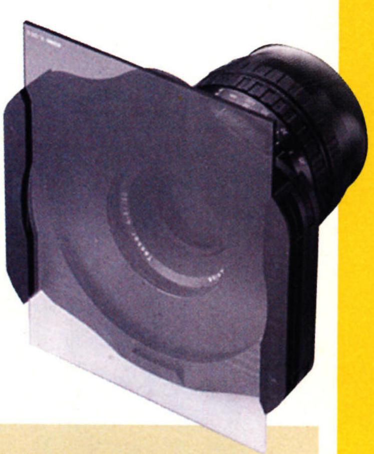
Guard your gear from the elements with waterproof protection. **Outpack's Dri-Safe bags have durable construction and a Hydrolock liner to keep cameras and film warm and cozy.** Prices: $29.95 to $39.95. **Contact:** Saunders, (716) 328-7800, www.saundersphoto.com.

K.C. International offers a dozen Splash Caddy pouches that are certified leakproof to 200 feet. Prices: $12.95 to $40.95. **Contact:** K.C. International, (800) 355-1126, www.splashcaddy.com.

Filter Families

Improve your creative control with the right filter for the job. **Lee Filters has added four new resin sets: the Sunset, Sunrise, Landscape and Twilight series, specially designed to augment the natural light you'll find in the field.** Price: $146 per set. **Contact:** Lee Filters, (818) 238-1220.

For filters large enough to cover any lens, Cokin offers 60 choices in the new X-Pro series. The versatile filters provide complete coverage to eliminate vignetting, even on medium- or large-format wide-angle lenses. Prices: $67 to $101. **Contact:** Minolta, (800) 528-4767, www.minoltausa.com.

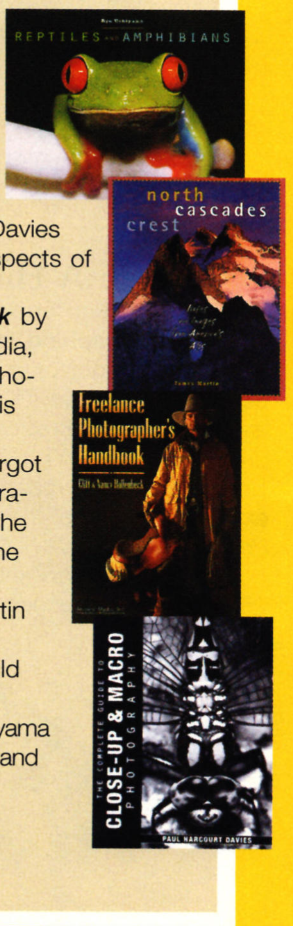


Danner Edgewood

Combine comfort and performance with a shoe for all occasions. **Danner's Edgewood Rugged Walking Shoes provide durability and support for treks through tough terrain, but with the comfort and fit you expect from daily-wear shoes.** Price: $175.

Contact: Danner, (800) 345-0430, www.danner.com.

Books And Such


REPTILES AND AMPHIBIANS
north cascades crest
Freelance Photographer's Handbook
THE COMPLETE GUIDE TO CLOSE-UP & MACRO PHOTOGRAPHY
PAUL HARCOURT DAVIES

Better Available Light Photography by Joe Farace and Barry Staver (Focal Press, 1999). Discover the satisfaction of making photographs in challenging lighting conditions.

The Complete Guide To Close-Up And Macro Photography by Paul Harcourt Davies (Sterling Publishing, 1999). Davies provides a comprehensive lesson in all aspects of close-up photography.

Freelance Photographer's Handbook by Cliff and Nancy Hollenbeck (Amherst Media, 1999). Want to get started in freelance photography? Learn the ins and outs with this indispensable guide.

Just Horses by Denver Bryan and Margot Page (Willow Creek Press, 1998). Photographer Bryan presents touching images of the heritage of horses and equestrian life in the United States.

North Cascades Crest by James Martin (Sasquatch Press, 1999). Journey with writer/photographer Martin through the wild beauty of the "American Alps."

Reptiles And Amphibians by Ryu Uchiyama (Chronicle Books, 1999). Explore the beauty and variety of these fascinating creatures through Uchiyama's candid close-up photography.

Nikon
WE TAKE THE WORLD'S GREATEST PICTURES® YOURS.

The new F100. 785 grams. Eager to please.

Nikon
F100
AF NIKKOR

Introducing the newest addition to Nikon's Total Pro Imaging System, the F100.™ Balanced and agile, it packs heavy duty technology inside its lightweight magnesium alloy frame. You like speed? Try the world's fastest Dynamic Autofocus. Crisp, sharp exposures? Say hello to 3D Matrix Metering. Even tricky flash situations are a non-issue with its Automatic Balanced Fill-flash system. Now, if it only knew how to fetch. See the F100 at your authorized Nikon dealer.

▲ Circle No. 222 on Reader Service Card.

Photo: Geof Kern ©1999 Nikon Inc. www.nikonusa.com

Printing Permanence

How Long Do Prints Last? • Backyard Bird Studio
Daytime Lightning Photos

BY GEORGE LEPP

A Lasting Impression

Q *I've just purchased a new inkjet printer and had hoped to sell some of the images that I created in my computer. I'm now being told that the longevity of these prints isn't as long as the traditional silver prints that are on my wall. How long can I expect these inkjet prints to last, and what should I expect from the prints on my wall?*

J. Nash
Gainesville, Florida

A The answer to all of your questions is: "It all depends." The conditions to which the prints are subjected are going to dictate the life of the print. The main factors that cause a photographic print (silver-based or inkjet) to deteriorate are: light (especially UV), heat and relative humidity. How bright is the area where you're going to display the print? What's the temperature at the location? And what's the relative humidity (moisture in the air) where the print is either displayed or stored?

There's a tremendous difference between a location where incandescent light is the predominant source and a wall illuminated by fluorescent lights or where full sunlight hits the image during part of the day. Spotlights that highlight prints are often less harmful than full sun from a window, and the spotlights usually aren't left on all day and night.

The temperature in a room will affect the stability of a print to a lesser degree than light, but lower temperatures are desirable. If a print is to be stored under the best lasting conditions, the temperature should be lowered considerably, even to the point of freezing the image. The idea is to slow the chemical reactions occurring in the print.

Relative humidity is best at a medium level to keep the media in a desirable condition, and not at a high level, where moisture becomes a problem. If you live in an area of high humidity, like the tropics, your photographic prints will definitely be at risk.

At the moment, inkjet prints from the digital desktop darkroom don't possess good lasting properties. Displayed in a bright (not sunny) location, with normal heat and relative humidity, the chances are that you might see a small change in the image in as little as six months, but you could get a year or more of good display quality. In dark storage, you can expect the prints to last considerably longer. The limiting factors with inkjet prints are not only the three previously mentioned external factors, but also the lasting properties of the inks and papers. The companies making these supplies are feverishly working on the problem, and improved new papers and inks are being released to the market as you read this. For the moment, don't sell images from your desktop printer unless you're willing to reprint them for the client in about a year.

Let's hope that the archival inks for our desktop printers are made to fit existing printers, and not just future models. There's enough waste through obsolescence going on in our daily lives already.

Backyard Bird Studio

Q *I can't travel far and would like to attract a variety of birds to my backyard where I can photograph them. Can you give me some tips on setting up this type of close-to-home studio?*

J. Hanover
St. Louis, Missouri

A The first step is to get the birds to regularly visit your backyard. Each area of the country has different species, and as the seasons change, so will

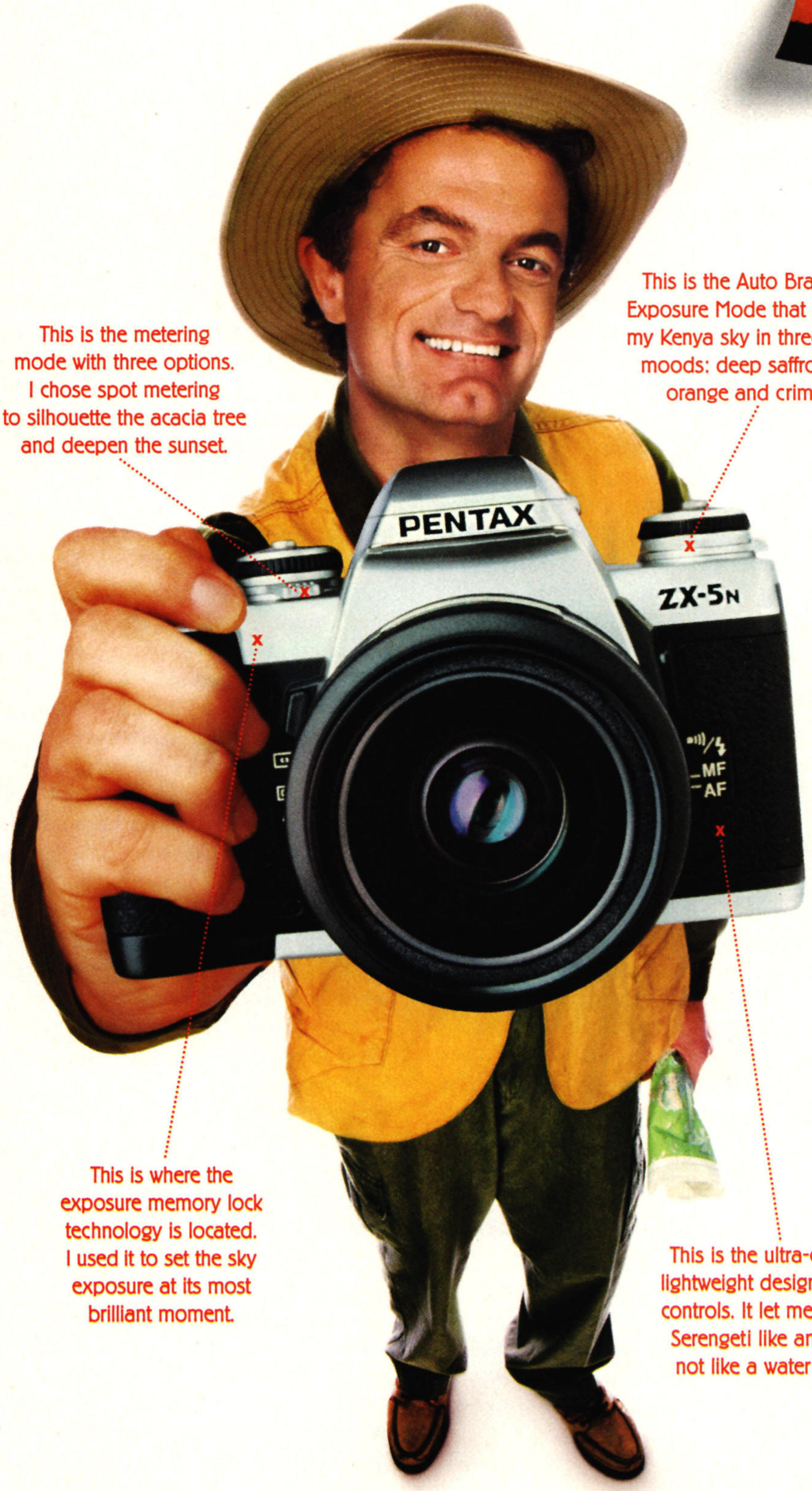
My Pentax ZX-5N

[My Photo]

My shot of the
first sunset we saw in
Masai Mara, Kenya.
(What a spectacular
way to begin a safari.)

This is the metering mode with three options. I chose spot metering to silhouette the acacia tree and deepen the sunset.

This is the Auto Bracketing Exposure Mode that captured my Kenya sky in three distinct moods: deep saffron, fiery orange and crimson.



This is where the exposure memory lock technology is located. I used it to set the sky exposure at its most brilliant moment.

This is the ultra-compact, lightweight design with dial controls. It let me cross the Serengeti like an impala, not like a water buffalo.

Aren't your pictures worth a **PENTAX**?

Pentax Corporation
35 Inverness Drive East
Englewood, CO 80112
www.pentax.com

▲ Circle No. 204 on Reader Service Card.

Go online
for info, quotes, & job submittal.

How Can We Help You Today?℠

Clients send us PC or Mac files by FTP or PriorityAir Express, and for most of our output services, the finished work is in their hands the very next morning!

DIGITAL COLOR PRINTING
DIRECT TO PRESS

QuickMaster DI
HEIDELBERG
Print all you need!

indigo™
Print only what you need!

XEROX®
DocuColor 40

Color press proofs overnight. Upon customers approval, finished job in 24/48 hours. Affordable color printing...in the quantities that you need!

Fuji Pictrography
From your digital files
Digital 12 x 18 color prints...$18/10
Digital 8.5 x 11 color prints...$10/5

BIG COLOR POSTERS
DisplayMaker™
Photo quality 8-color digital posters.
Print on various materials up to 60" wide.

FILM SCANNING
Kodak PHOTO CD SERVICE PROVIDER
Improved Pro scans...35mm to 4x5 format are $8. Master Photo CD 35mm scans are $.90. For print, posters, & New Media uses.

SLIDE IMAGING
POSTSCRIPT $3.00 Slides Only Quality Guaranteed
Overnight is $4.95.
Economy is $3.00
in 48+ hours.

Invest the time to discover Imagers...
Our mission-to offer the best products & customer service... at a price you'll like!

IMAGERS®
Digital Production Center
Free Shipping Call for details
www.imagers.com
1575 Northside Dr. Ste.490 Atlanta 30318
800.774.7080/404.351.5800

▲ Circle No. 231 on Reader Service Card.

the number and type of birds that appear.

Here are a couple of tips on attracting birds. Hang the feeders near natural cover so the birds can come to a tree or bush and then to the feeder. Place the feeders high enough off the ground to keep them away from cats that might jump up from below and snag a bird. Watch out that you don't start attracting mice and rats with the overflow of seed that always gets on the ground under your feeders.

The photo accompanying this column is of a mockingbird that has landed next to the feeder on a piece of shrubbery. I've added a small amount of flash fill to make the shadows lighter and added a highlight to the bird's eye. You might even set up electronic flash around the feeders. The birds will quickly get used to the flashing and ignore it.

You can photograph from a nearby window if the perch is close to the house, or you can set up a permanent blind in a key position. In any case, the birds will soon habituate to your presence. The blind should be accepted almost immediately.

Getting different species to come to your background depends on how and when you feed. Different seeds, like sunflower and thistle seed, bring different birds. Placing fresh fruit out is another draw for some different birds. For example, consider whipping up some sugar water in the spring and summer to attract hummingbirds. Suet is another type of food that brings a whole different contingent. It's important to be consistent with filling the feeders and to keep the food fresh. It may take days or even weeks for your offerings to be noticed by the local bird population, but soon, you'll become a known feeding station on the AAA list of bird sites. How they spread the word so fast is beyond me.

Daytime Lightning Photos

Q *I've been trying to capture lightning during the day for years and have had almost no success. I can get it to record at night or just after dusk, but not during the day. How does one go about solving this problem?*

B. Reynolds
Via E-mail

A I'm in the same boat as the rest of you. It has always been next to impossible to capture a lightning strike from a daytime storm. The best photographic results have come as it's getting dark and you can leave the shutter open for a number of seconds to record the surrounding landscape, and hope that a lightning flash will record during that relatively short time. Nighttime is easiest, as you just open the shutter, let the lightning record multiple times, and hope that the light of the lightning and its reflectance off the clouds record some of the landscape. Now, however, there's a solution for daytime lightning photographs. It isn't cheap, but it works.

The Lightning Trigger from Stepping Stone Products, LLC in Delores, Colo., is an accessory that captures lightning during the day. By setting your camera to a shutter speed of approximately ⅛ to ¼ sec. (you'll need a small lens opening or ND filter) and attaching the Lightning Trigger to your electronic cable release receptacle, the pulse of light from the lightning fires the camera. Most people don't realize that lightning actually lasts longer than our perceived quick flash. It may actually go back and forth from ground to cloud several times. By manually setting the camera focus and using the slower shutter speed, the lag time of the camera will be minimized. The camera can be set for multiple exposures on the same piece of film to make sure at least one of the flashes records. Be sure that the total number of multiple exposures adds up to one correct exposure on the film.

Check out the Lightning Trigger Web site (www.fone.net/~rfrankd/lightningtrigger.htm) for photo samples and more technical information. The cost of the device is $329, plus shipping. Contact Stepping Stone at (800) 452-4167. I'm set up with this tool and waiting for the first lightning storm of the season to see what I can capture. **OP**

If you have any tips or questions, address them to: OUTDOOR PHOTOGRAPHER, Dept TT, George Lepp, 12121 Wilshire Blvd., Suite 1200, Los Angeles, CA 90025-1175 or on the Internet at www.leppphoto.com.

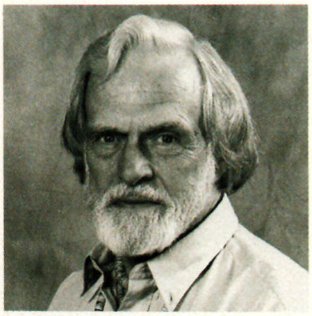
REMOTE, *brutally hard to reach and, for a day or so, yours.*

Vasque Backpacking. Three days in and five thousand vertical feet up are usually enough of a deterrent to discourage the masses from going anywhere near where you're going. Throw in the need for fifty lbs. of gear and a dicey stream crossing or two and that will seal the deal. The lake, the mountains and some hard-earned solitude are all yours. For a Vasque dealer near you, call 1-800-224-HIKE.

Sundowner

Vasque

▲ Circle No. 129 on Reader Service Card.



Avian Treasure Troves

Get off the beaten paths for wonderful bird opportunities

BY LEONARD LEE RUE III

Florida is a treasure trove for wildlife photographers. In addition to the better-known spots I've mentioned in recent columns are two that aren't as well-known, but that definitely should be on your must-do list—Venice and Myakka State Park.

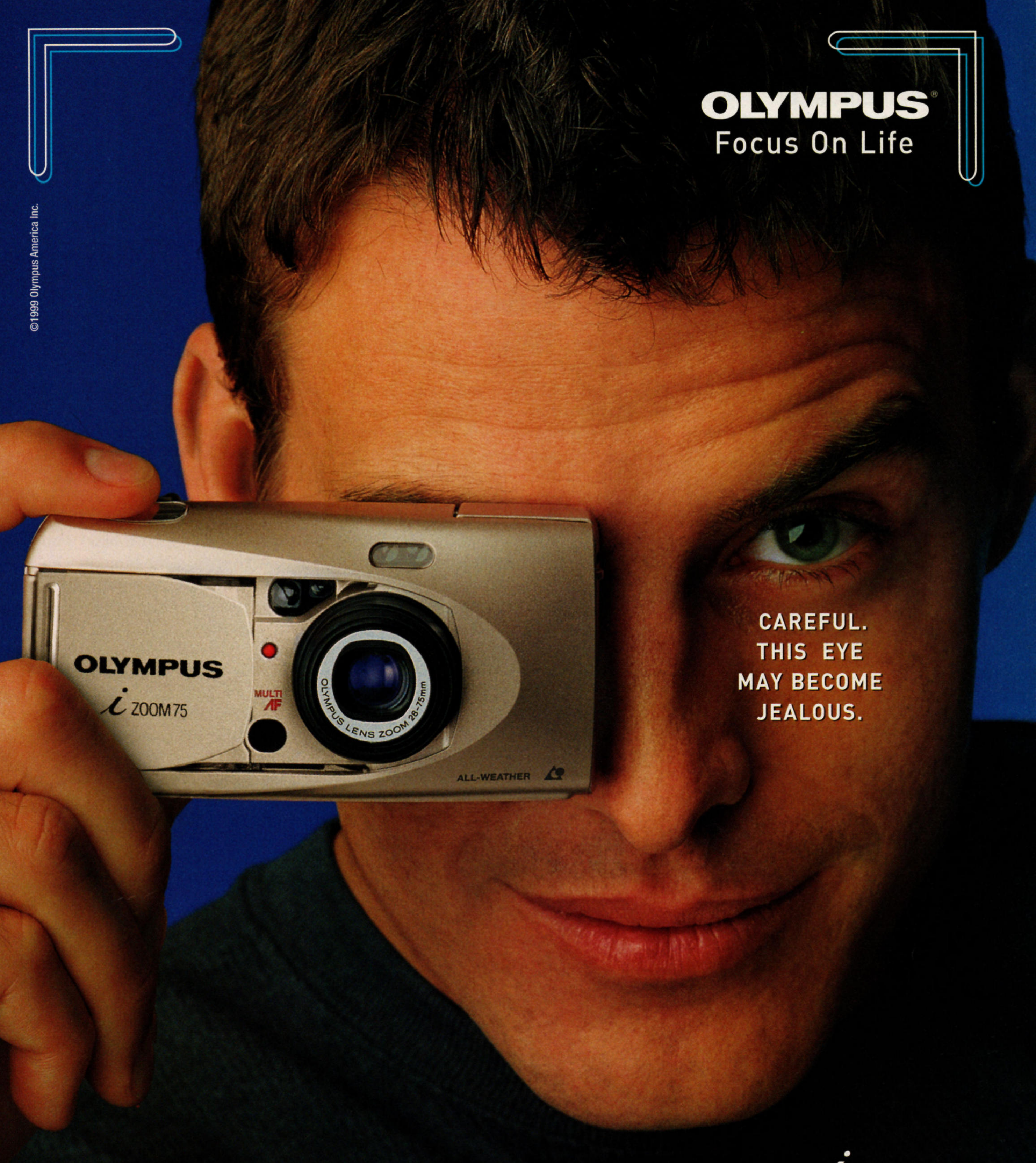
Venice. To reach Venice, after you've left the Fort Myers area and head north, you can travel on Route 75 and take the cutoff to Route 41; you can also take the more leisurely and scenic Route 41 all the way. As you drive through the town of Venice, turn left on the road running in front of the post office and continue for one block. On your left, you'll find an open park that has a pond of about three to four acres. As soon as you see the pond, you'll notice a parking area on your right—use it. *Don't* park on the edge of the road or pull off on the grass as many people do. It's a sure way to see Venice's traffic control building via a parking ticket. The parking lot requires only 100 feet more of walking and there's lots of space.

Fifty feet out in the pond is an island about 150 feet long and 75 feet wide, covered with Brazilian pepper bushes. In these bushes, you'll find a heron and egret rookery, the most incredible rookery that I know of in all of North America. Most rookeries are hidden out in the vastness of some swamp or muck and can only be reached by water. Such spots are usually chosen by the birds because they're hidden from people and, surrounded by water, they're protected from predators such as raccoons. Every rookery I've ever seen is patrolled by alligators that feed on baby birds that may fall out of the nest. The alligators also feed on raccoons that are foolish enough to attempt to swim out to the rookery to feed on baby birds. There aren't many foolish raccoons; the alligators eliminate them from the gene pool.

I first visited the Venice rookery in 1989 when it was at its peak. Today, there are only about 75 nests (there used to be 150), but you can take more photographs of the comings and goings at these 75 nests than you can anywhere else. There are great, cattle and snowy egrets, plus great blue herons and occasionally little blue and black-crowned night herons. There are also anhingas nesting and lots of common moorhens swimming about.

You won't be alone when you photograph at the rookery, but that's to your advantage. Up north, it's virtually impossible to get within 200 feet of a great blue heron. At Venice, the birds are so accustomed to people that the great blues often will fly and land within 10 feet of the photographers.

February and May are the peak times to visit—the birds will be breeding, building nests and incubating and feeding their young. Because even birds of the same species don't do all of those things at the same time, you'll have the oppor-



©1999 Olympus America Inc.

OLYMPUS
Focus On Life

CAREFUL.
THIS EYE
MAY BECOME
JEALOUS.

Introducing the beautifully designed, technologically advanced *i* ZOOM75.

Some eyes have all the fun. Especially the ones behind this 28-75mm zoom lens. Not only does the ultra-compact *i* Zoom 75 have all-weather construction, it's also jam-packed with features. Like five intelligent variable-power flash options, including fill-in and red-eye reduction. Precision optics. And high-quality glass aspherical and hybrid aspherical lens elements. So, it's easy to see why one of your eyes could start to feel a little, well, left out.

In USA call 1-800-6-CAMERA or write Olympus America Inc., 2 Corporate Center Drive, Melville, NY 11747. In Canada: Carsen Group, Inc., Toronto. **http://www.olympus.com**

▲ Circle No. 197 on Reader Service Card.

When you want a great video/photo tripod for your camcorder or compact 35mm, don't settle for an over-weight, weak-spined, hard-to-use monster, when you could be using an ultra-light, super-strong, easy-to-operate, rock-solid, SLIK U-SERIES titanium-finish tripod with a 2- or 3-way fluid effect panhead.

SLIK®

SUPPORTING THE ART OF IMAGE MAKING

SLIK DIVISION OF TOCAD AMERICA, INC.
300 Webro Road • Parsippany, NJ 07054
TEL: 973 428-9800 • FAX: 973 887-2438
http://www.tocad.com

▲ Circle No. 116 on Reader Service Card.

If you don't carry an ultra-light, super-strong SLIK Unipod, when that once-in-a-lifetime shot appears you won't have a leg to stand on. They are the best way to have greater mobility for fast-moving action shots that are tripod-steady without a tripod. Four unimodels with more features than you can shake a stick at.

SLIK®

SUPPORTING THE ART OF IMAGE MAKING

SLIK DIVISION OF TOCAD AMERICA, INC.
300 Webro Road • Parsippany, NJ 07054
TEL: 973 428-9800 • FAX: 973 887-2438
http://www.tocad.com

▲ Circle No. 195 on Reader Service Card.

tunity to photograph the various stages. I've even photographed great blue herons feeding the young of their first brood while starting to incubate the eggs for their second brood.

Many folks aren't aware that most of the herons and egrets usually bring back a twig each time they return to nest. It doesn't matter that the nest is completed, or even that the young are half-grown; it's sort of a peace offering, like when I bring my wife flowers. When the birds are working on their nests, they often fly a definite pattern from that nest to the willows out on the far shore and back. Determine this pattern and you can get great flight shots, even with cameras that don't have autofocus.

The morning light is perfect, and the birds are more active at this time. In the middle of the day, the overhead light is very harsh, and the birds are often panting because of the heat, but there's still some activity. Late afternoon brings a very strong side light. By moving to the extreme right of the island, you can shoot some silhouettes; by moving to the extreme left, you can get the birds bathed in the late-afternoon sun.

Myakka State Park. After leaving Venice, travel north on Route 41 until you reach Route 681 on the right, which will take you to Route 75. Travel north to State Route 72, about 18 miles from Venice. Turn right on Route 72 and head out to Myakka State Park.

Drive over the bridge that crosses the Myakka River. After you've passed through the toll gate, continue several miles to a fork in the road. Taking the left-hand fork brings you to a large pavilion, boat motoring dock, canal, big picnic area and huge parking lot.

When we had driven over the Tamiami Trail from the Everglades, my wife and I had stopped at Shark Valley. We rented bicycles and peddled out and back to the observation tower, a distance of 15 miles. We got good photographs of alligators and purple gallinules, but the trip had been undertaken primarily to photograph limpkins. We never saw one. In Myakka, they could almost be called common. We must have seen at least a dozen of them.

We discovered three of the birds calling from the left bank of the river, below the dam. Although there's a trail along the left riverbank, we couldn't use it, as the birds were either on it or close to it. We made a 100-foot-wide detour through the chest-high reeds and rushes until we got below the birds and had the sun behind us. What was so amazing was that these birds had also become acclimated to people. We were able to approach to within 25 feet. The birds eyed us warily but, because we moved very slowly and often stood absolutely still, they soon accepted us and began to feed.

The limpkins were feeding on freshwater mussels. After catching a mussel, the birds would walk back to the mud bank and thrust the hinged edge of the mussel into the mud to use as a vise to hold the mussel upright. Then, using its long, strong, curved beak, the limpkin would pound at the shell's closed edge. After six to eight hard pecks, the mussel would be forced open and the limpkin would insert its bill into the slight gap and extract the meat. They fed within 15 to 20 feet of us.

Right below the dam, white and glossy ibis were feeding heavily on crayfish, which they were prying out of the gravel. Boat-tailed grackles were feeding on tiny snails, while blue-winged teal were inspecting the riverbank for food. A one-legged great blue heron was catching minnows. Alligators were sunning on the opposite river bank.

On the mud flats on the lake side of the dam, we saw numerous Florida sandhill cranes feeding. One pair had with them a chick that was less than three days old (I know that because it still had its egg tooth on the tip of its bill). Not wanting to alarm the birds, we followed them at a distance of about 150 feet. Imagine our surprise when the birds turned around and slowly fed back to within 20 feet of us. Every once in awhile, something in the distance would alert the birds, and the adults would respond with their loud, sonorous trumpeting.

Myakka is also a park in which to use your wide-angle lenses. The trees are heavily festooned with long strands of Spanish moss, making the road an exceptionally beautiful scenic drive.

Any visitor to Venice or Myakka will come away richly rewarded—even if you're not a photographer. **OP**

SIGMA

OUR WORLD

The Camera Transcends Language as a Tool for Communication – Cebu, Philippines

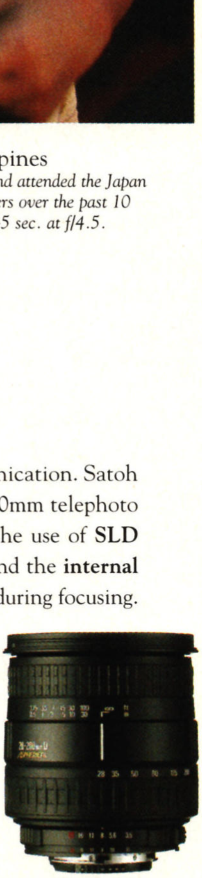
Hideki Saroh: Born 1953, Amagasaki, Hyogo Prefecture, Japan. Studied under photographer Hiroki Nishiura and attended the Japan Photography School. Currently specializes in exclusive subjects including documenting the lives of the world's boxers over the past 10 years. Photo data: Sigma 28-200mm f/3.5-5.6 DL ASPHERICAL HYPERZOOM MACRO, exposed for 1/45 sec. at f/4.5.

HIDEKI SATOH SHOOTS THE WORLD WITH A SIGMA LENS

When the camera appeared, children rushed to be included, their feelings intuitively understood despite the lack of verbal communication. Satoh captured their peals of laughter with his Sigma lens. This lens is unsurpassed for travel and snapshot photography, featuring 28-200mm telephoto coverage as well as macro shooting at a **minimum focusing distance of 19.7" (50cm) throughout the entire zoom range.** The use of **SLD (Special Low Dispersion) glass** in the front group and an **aspherical lens** in the rear assures minimum chromatic aberration. And the **internal focusing system** eliminates external front barrel rotation, offering easy filter use and maintaining constant lens length and balance during focusing.

Send $1.00 for deluxe full line brochure to Dept. OP.

NEW

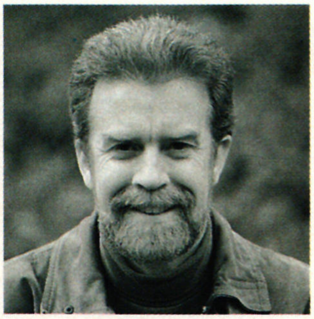


ASPHERICAL HYPERZOOM MACRO 28-200mm f/3.5-5.6 DL

A versatile zoom lens covering telephoto to macro 19.7" at all focal lengths.

Sigma 28-200mm f/3.5-5.6 DL ASPHERICAL HYPERZOOM MACRO

SIGMA CORPORATION OF AMERICA
15 Fleetwood Court, Ronkonkoma, NY 11779 • 516-585-1144
In Canada exclusively distributed by Gentec International, Markham, Ontario
Visit us on the Web at www.sigmaphoto.com



Resonance

Create images that are more than just the sum of their compositional parts

BY WILLIAM NEILL

When I was in college and first became enthralled with photography, I frequented the local used bookstore in search of photography books. I added a new book to my small but treasured collection whenever I had some spare cash. One of the first books I discovered was *The Creation* by Ernst Haas. I was fascinated by the imagery, but even more so by the creation of the book itself. The process of bringing images and concepts together in a meaningful way was most intriguing. There were ideas within, but the whole was far more powerful than the parts. This book provided a moving experience that celebrated the Earth as a grand gift, which, upon seeing the magic as revealed by Haas, made me more fully appreciate nature.

Inspired by Haas' book and others, I knew that I wanted to create my own photography books someday. What I didn't understand was the depth of imagery needed to make such a project work. It's one thing to make a few strong photographs on a subject, but another to accumulate a body of work that's both extensive and strong. Ideas within which a group of such photographs could resonate—that is, have a "prolonged, subtle, or stimulating effect beyond the initial impact" (*American Heritage Dictionary*)—are still harder to come by. This is the quality I wanted in my imagery, and hoped for in my books—for the viewer to

(Cont'd on page 96)

SIGMA

OUR WORLD

Boys' Smiles Illuminate the Labyrinth – Casbah in Morocco.
Masanori Kobayashi: born 1949, Kyoto. Specializes in documentary subjects including refugee children around the world. Winner of the United Nations Photographer's Award in 1994. Currently works as a freelance photojournalist. Photo data: Sigma APO MACRO SUPER 70-300mm f/4-5.6; exposed for 1/125 sec. at f/5.6.

MASANORI KOBAYASHI SHOOTS THE WORLD WITH A SIGMA LENS

The labyrinthian casbah in the city of Fes is perhaps the world's largest maze. When Kobayashi lost his way, these boys appeared. His Sigma lens captured their radiant expressions perfectly. This lens features telephoto coverage from 70 to 300mm, with 1:2 macro shooting at the 300mm zoom setting. The use of two SLD (Special Low Dispersion) glass elements in the front group and one in the rear, assures minimal chromatic aberration and crisp definition throughout the entire zoom range.

Send $1.00 for deluxe full line brochure to Dept. OP.

NEW

APO MACRO SUPER 70-300mm f/4-5.6

A versatile zoom lens covering the full range of telephoto imaging needs.

Sigma APO MACRO SUPER 70-300mm f/4-5.6

SIGMA CORPORATION OF AMERICA
15 Fleetwood Court, Ronkonkoma, NY 11779 • 516-585-1144
Visit us on the Web at www.sigmaphoto.com
In Canada exclusively distributed by Gentec International, Markham, Ontario

Favorite Places

Malibu, California

LOCATION One of Southern California's most famous and beautiful stretches of coastline, Malibu is a long, winding, ribbon-like town. Stretching east to west for 27 miles, Malibu is bordered on one side by the Pacific Ocean and the Santa Monica Mountains on the other. Leaving Santa Monica and heading west on Pacific Coast Highway, you travel alongside the ocean, enjoying a continual view of the surf and wildlife all the way to the Ventura County line.

Along the way, there are many small, secluded beaches. Approximately halfway through Malibu is Zuma Beach, with wide stretches of pristine sand and notoriously large, pounding surf. After Zuma, there are several "pocket beaches"—small beaches that can be reached by paths and long stairways that descend down the bluffs to the beach. The beauty of these pocket beaches is their solitude and isolation. The most scenic is El Matador. Further west is Leo Carrillo State Park, where day and overnight campgrounds sit right on the beach. When the wind is up, it is *the* great spot for windsurfing.

PHOTO EXPERIENCE Malibu offers a wide variety of photo opportunities. To capture the surfing and windsurfing action, a long lens (200mm or more) is necessary. The patient photographer is often in for a pleasant surprise, as dolphins and the occasional pilot whale actually "surf" the waves with the surfers. Migrating gray whales are also spotted here twice a year.

Use a wide-angle lens and a tripod to capture the magnificent seascapes. Another key tool is a polarizing filter, which you can use to control reflections off the water, as well as the haze created by moisture in the air (which can cause more glare than you might anticipate).

El Matador Beach, among others, offers magical rock formations to enhance the incredible sunsets. A short hike to the top of the Point Dume bluffs allows you to view the entire coastline of Zuma Beach, along with the abundant and diversified vegetation on the point.

Driving into the canyons, there are even more spectacular views of the coastline and the Santa Monica Mountains. If it's wildlife with "character" that intrigues you, the Malibu Lagoon, just west of the pier, is full of bird life. Egrets and pelicans are the local favorites.

WEATHER Year-round temperatures are in the high 60s (evenings are cool) and reach the mid-70s and 80s in late July, August and September. In early summer, overcast skies will usually last until mid-morning. In late fall, the Santa Ana winds occasionally blow offshore, creating unlimited visibility and crystal-clear water. However, these winds are hot and dry, and bring with them the danger of wildfire, as well.

For more information, contact: Malibu Chamber of Commerce, 23805 Stuart Ranch Rd., Ste. 100, Malibu, CA 90265, (310) 456-9025. **OP**

CALIFORNIA

BEST TIMES There are good photo opportunities in Malibu year-round. The best time for scenics is fall and winter, with clear bright mornings and beautiful sunsets, while action sports and wildlife take over in the spring and summer. The gray whales migrate south past Malibu in December, then pass through again on their return north in February and March. With one of the mildest climates in North America, most days in Malibu are perfect for outdoor photography, so if conditions aren't perfect today, they probably will be tomorrow.

Text And Photography By Nick Rodionoff

Go There.
Go Modular.

Street and Field from Lowepro will change the way you think about carrying your gear. It's nothing like a conventional bag or pack—you don't carry your stuff, you wear it. You customize it to fit your body type, your gear and your shooting style. Take as little or as much equipment as you want—and you can change it for each shoot. Use the contoured waistbelt and shoulder harness as your foundation, then mix and match 16 SlipLock™ cases and 13 packs to the core outfit.

With the all-weather Street and Field system, your options are limited only by your imagination.

Lowepro: We will help take you places.

STREET AND field

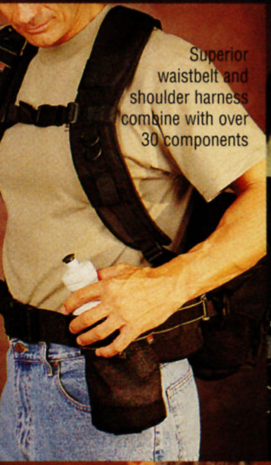
800-800-LOWE
www.lowepro.com

The unique Film Drop AW stores exposed film safely in an instant

Dry-Flo mesh back pad and waistbelt slot

Reporter bags, with the unique, instant access top, work as shoulder bag or belt packs

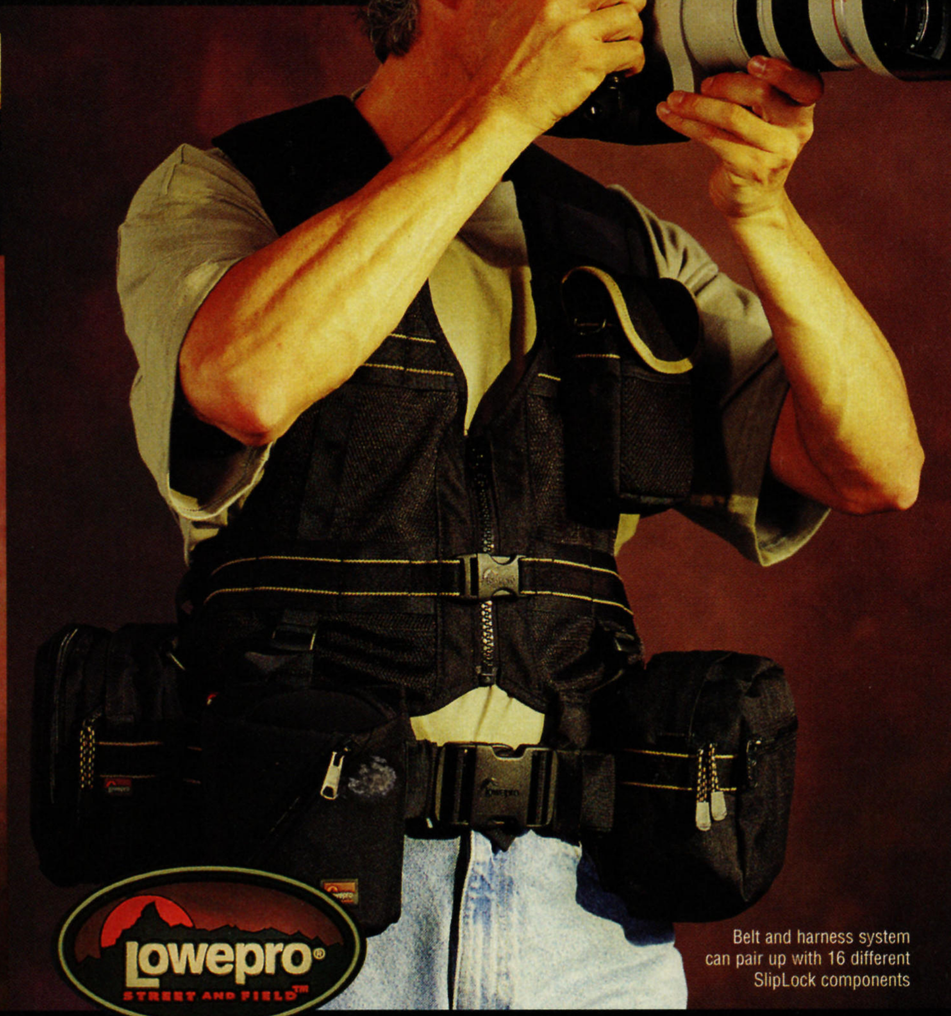
Reporter bags with unique instant access to expand with SlipLock components



Superior waistbelt and shoulder harness combine with over 30 components

The Toploader becomes a chest bag, attaching in seconds to the harness.

Backpacks feature their own shoulder straps or hook onto shoulder or vest harness



Belt and harness system can pair up with 16 different SlipLock components

Lowepro® STREET AND FIELD™

Lowepro is firmly committed to the conservation and preservation of the environment, and encourages all photographers to practice "no trace" trekking and camping in wilderness areas.

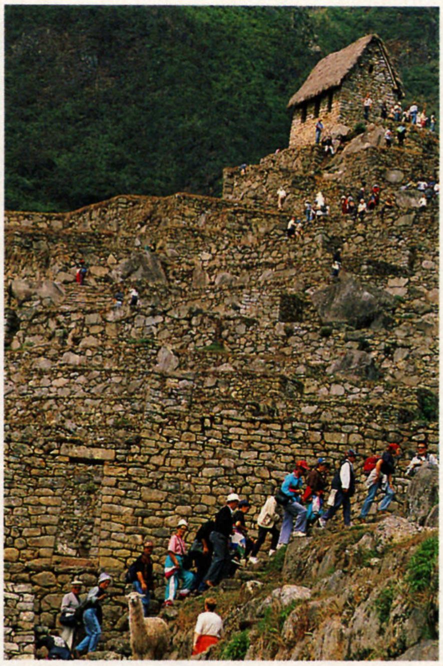
The Conservation Alliance

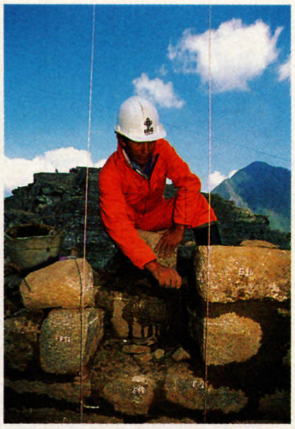
▲ Circle No. 175 on Reader Service Card.

The Long Way To Machu Picchu

The Incas put together an amazing city in the Andes—worth seeing, but things are starting to change

BY GALEN ROWELL





In 1990, my wife, Barbara, made an emergency landing at 12,500 feet in Peru after being cleared internationally to Bolivia. Her single-engine Cessna was fine, but the oxygen had failed on an identical plane flying over the Andes with her. Both aircraft set down on a perfect runway near Juliaca, where Barbara explained the situation to a distressed airport manager while I did the obvious thing: grab my camera and head into the fields toward Quechua Indians herding alpacas.

Minutes later, I was sternly called back. We had no permission to be there or to take off again. No private foreign plane had ever landed there, and they had no repair facility. We had dropped out of the sky into a region controlled by Sendero Luminoso guerillas. After an eerie night in an empty tourist hotel, we negotiated permission to depart for the Atacama Desert of Chile.

So ended my first visit to Peru. By 1994, the infamous decade of terrorism was over, and Wilderness Travel asked me to lead an Inca Trail trek for photographers. I was hesitant until a guide who had just made an Inca Trail reconnaissance said that personal safety seemed to be on a par with trekking in Nepal, which I consider safer than staying home. Barbara and I agreed to lead 10 photographers on a five-day trek to Machu Picchu, with gear

The only light meter you'll ever need

New Sekonic L-508

The revolutionary Sekonic L-508 is the world's only light meter to combine all three essential metering functions.

ZOOM SPOT METER

with 1°-4° zoom. The L-508 is a zoom spot meter that measures both reflected ambient and reflected flash, as well as mixed lighting. It can be switched from spot to incident instantly and effortlessly. The unique zoom spot viewfinder is parallax-free and can be zoomed to the ideal measuring angle anywhere from 1° to 4° for any subject area or distance, without being restricted to a single narrow angle.

INCIDENT METER

with retractable lumisphere. The L-508 is also a full-function incident meter for ambient, flash or mixed lighting. It features a 270° swivel head and built-in retractable lumisphere – a Sekonic exclusive.

Down
Up
SEKONIC
ISO 100
F
T
125
16 0
1 1.4 2 2.8 4 5.6 8 11 16 22 32 45 64 90 128
Memory
M.Clear
Ave./ΔEV
ISO
ISO 2
Mode
Power
L-508
ZOOM MASTER

FLASH METER

spot and incident. The L-508 Cord Flash operation allows convenient one-step flash triggering and exposure measurement. Auto-reset cordless flash eliminates the need to constantly reset the meter between flashes. Multiple flash cumulative measurement is possible in either spot or incident mode.

PLUS ALL WEATHER

Count on Sekonic's legendary accuracy under all conditions with the L-508's rugged, sealed, all-weather construction. The L-508 will give consistent results in situations where ordinary light meters fail. Ideal for location shooting at the beach and in rainy or humid conditions.

SEKONIC®

MAC
SEKONIC PROFESSIONAL DIVISION
MAMIYA AMERICA CORPORATION
8 Westchester Plaza, Elmsford, NY 10523 • 914-347-3300
For fast information FAX your request to 800-321-2205
E-mail: info@sekonic.com • Web site: www.sekonic.com

carried by porters and camps set at the most photogenic spots. After two nights in a hotel near the classic ruins, we would return to Cuzco by narrow-gauge railroad.

Machu Picchu is inaccessible by road. Most visitors arrive by train, while some trek the 32-mile Inca Trail through cloud forest with no inhabited villages along a seemingly endless quilt of hand-carved granite blocks laid down in the 15th century. It was completely grown over when an American amateur archaeologist named Hiram Bingham found it in 1911. He had been searching for the lost city of Vilcabamba, the Incas' legendary last refuge from invading Spaniards, when peasants led him to the partially exposed ruins of Machu Picchu. Though the media touted Bingham as the discoverer, local Peruvians were quite aware of Machu Picchu's existence and an earlier explorer, Antonio Raimondi, had mapped its correct location.

The true importance of Machu Picchu is due to the city not being what Bingham thought he found. Instead of a town built hastily in an unlikely, well-hidden location by Incas fleeing the Spanish invasion of the 1530s, Machu Picchu is the finest surviving example of the Late Imperial Inca style of architecture, as yet untainted by European influences. Bingham may not have truly discovered it, but he did reveal its existence to the developed world.

Much of the significance of the ruins is based on their improbably fine construction and endurance. The Inca stonework took decades to complete, with a reverence for precision far beyond that of modern stonemasons. Blocks weighing many tons with up to 12 sides fit together so perfectly without mortar that I rarely could fit a knife blade between them.

En route to the Inca Trail, we stayed in Cuzco's five-star Hotel Libertador, built within existing Inca walls because of strict laws for historical preservation. After another night in the Urubamba Valley ("The Sacred Valley of the Incas"), we caught the train at Ollantaytambo, a close modern counterpart to a living Inca village. Many of our porters lived here and boarded with us for the 12-mile ride to the start of South America's most famous trail.

The route began out of nowhere up a dry side canyon toward a 14,000-foot pass. Our camps were near ridge crests, where we could wander off to capture fine landscapes at dawn and dusk, uninterrupted by meals or chores, while porters watched any gear we left behind. On our fourth and final trail night, Barbara and I were awakened by whispers outside our tent. I unzipped the door and saw two dark silhouettes within arm's reach. "*Café con leche?*" a voice asked.

Two of our porters were waking us before sunrise with mugs of coffee mixed with hot milk. Other photographers emerged from their tents as the eastern sky was turning crimson behind icy peaks. We were joined by a porter named Francisco wearing a Quechua poncho and an eared woolen cap. When first light struck him on the crest of the ridge, the vivid reds in his ornate fabrics came alive. As he played his Andean flute beneath the white pyramid of 20,000-foot Salcantay, I could imagine his Incan ancestors standing in the same spot.

A breakfast of hotcakes, fruit and coffee was served just after the magic hour. As the crew broke camp, we began the final descent toward Machu Picchu. With each step away from arid Andean highlands into moist Amazonia, my powers of perception felt keener. Perhaps the Incas planned it this way, perching their sacred town behind green-clothed monoliths on the edge of these two worlds.

Machu Picchu didn't show itself until the final mile at Intipunku, a notch floored by a walled plaza. My attention was diverted to white numbers painted on all the lower stones of Intipunku's walls, but I forgot about these un-Inca intrusions as I continued on to the classic overlook, where the most splendid integration of landscape and architecture I'd ever seen was stretched out before me. The bold coherence between intentional design of stone city and natural splendor of rock walls rising out of jungle veritably defined the intangible rewards of adventure travel.

Every culture breeds pilgrims who voluntarily leave the comforts of their normal routines to experience hardships without hope of material gain. Their intentions and rewards

(Cont'd on page 102)

Tokina
BONUS REBATES!
BUY NOW and get high performance Tokina optics with generous rebates.
AT-X 300AF PRO
AF 300mm f/2.8
$200 REBATE

Lens Model			Rebate
AT-X 300AF PRO	300mm	f2.8	$200
AT-X 828AF PRO	80-200mm	f2.8	$ 60
AT-X 235AF PRO	20-35mm	f2.8	$ 60
AT-X 840AF	80-400mm	f4.5-5.6	$ 50
AT-X 400AF	400mm	f5.6	$ 40
AT-X 270AF PRO(II)	28-70mm	f2.6-2.8	$ 40
AF 353	35-300mm	f4.5-6.7	$ 40
AT-X 17AF PRO	17mm	f3.5	$ 30
AF 205	28-105mm	f3.5-4.5	$ 20

Product must be purchased between 4/1/99 and 9/30/99 from an authorized Tokina dealer in the 50 United States. Submission must be postmarked by 10/31/99. Offer not valid in combination with any other promotion or discount program.
Submit with: 1) coupon, 2) original THK-USA warranty card, which will be returned, 3) Tokina ATX lens warranty sticker cut from box, and 4) a legible copy of the store cash register receipt with store name, date of purchase, lens model number and price paid.
MAIL TO:
THK PHOTO PRODUCTS, INC.
2360 MIRA MAR AVENUE
LONG BEACH CA 90815-1754
THK is not responsible for lost or late mail. Void where prohibited by Federal, state or local law. Valid for U.S. residents only. Please allow 6-8 weeks for receipt of rebate. Any questions, please call 800-421-1141.

TOKINA BONUS REBATES
Please send me $_______ rebate check. Proof of Purchase is enclosed for the following lens(es):
Lens Model Serial Number
1) ________ ________
2) ________ ________
3) ________ ________
Name ________
Street ________
City State Zip ________
Phone ________

Tokina
Distributed by THK PHOTO PRODUCTS, INC.
2360 Mira Mar Avenue Long Beach, CA 90815

▲ Circle No. 207 on Reader Service Card.

Tokina sharp.

A professional could tell the difference, but if you don't need the extra weight, size, complexity and price of a professional lens, one of these AF Series lenses is perfect for you. Only your wallet will know the difference. Tokina is a very sharp buy.

(AF205) AF28~105mm f/3.5~4.5
A new standard for zooms in 1999 – aspherical lens elements, and a rebate, too.

Tokina crisp.

Get crisp pictures with aspherical lens elements, and crisp change back with Tokina rebates. Tokina's AF Series lenses were developed using the same technology that goes into our AT-X line, but designed to a non-professional price point. That's Tokina crisp!

(AF353) AF35~300mm f/4.5~6.7
The most compact in its class, 8.5X high power zoom, SD glass, and a $40 rebate!

Tokina clear.

It's clear to even the most discriminating reviewers -- every magazine* test of Tokina's AF Series lenses comments that these are clearly some of the best lenses available on a cost/performance basis. Tokina is the clear choice.

*Test results available upon request.

(AF235II) AF20~35mm f/3.5~4.5
The BEST cost/performance ratio, super wide angle of view, with HLD glass.

Use premium HOYA Optical Filters for protection and special effects.

Distributed by THK Photo Products, Inc. 2360 Mira Mar Avenue, Long Beach, CA 90815
Toll-free information: 1-800-421-1141 or visit online at www.thkphoto.com

© 1999 THK Photo Products, Inc.

Tokina
AF Series

▲ Circle No. 206 on Reader Service Card

Backyard Ghost

BY FRANS LANTING

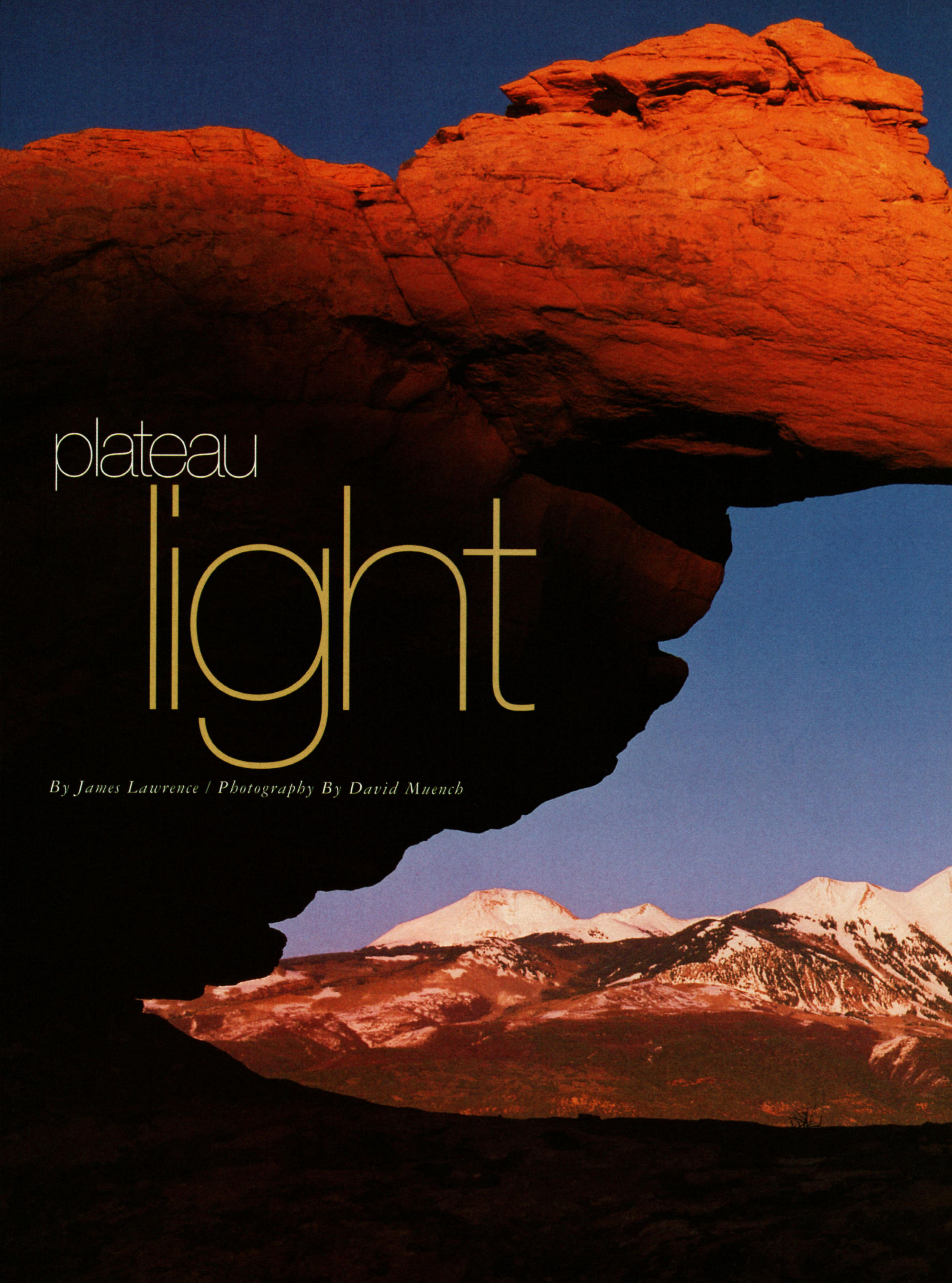
I come home from fieldwork around the world to an overgrown meadow on the coast of California. I have lived there with my wife, Christine Eckstrom, for 10 years, and observed the subtle rhythms that govern the ecology of a piece of land that we nurture for the wild animals who call it home as well. By planting cover, providing water and living quietly, we have made it a more hospitable place for animals. We watch them from our house, which we inhabit like an observation blind with windows that open on all sides.

Initially, the coyotes were like ghosts, coming out only at night, howling. By day, I might catch a glimpse of one at the far side of the meadow. But over time, one particular pair gained confidence. They now move around openly, and at times, pass right by the house. Yet even after a decade of sharing the land, they remain wild neighbors. They're very sensitive to my attention, and as soon as I focus my gaze or my camera on them, they usually melt away.

Yet in a way, I treasure that suspicion. It confirms that they're truly wild. They're a challenge I decided to meet with patience. I know one day it will pay off. But meanwhile, instinct tells me that one rash move could undo years of building trust, so I choose my opportunities carefully. It makes the fleeting moments of acceptance when I can expose some film even more precious.

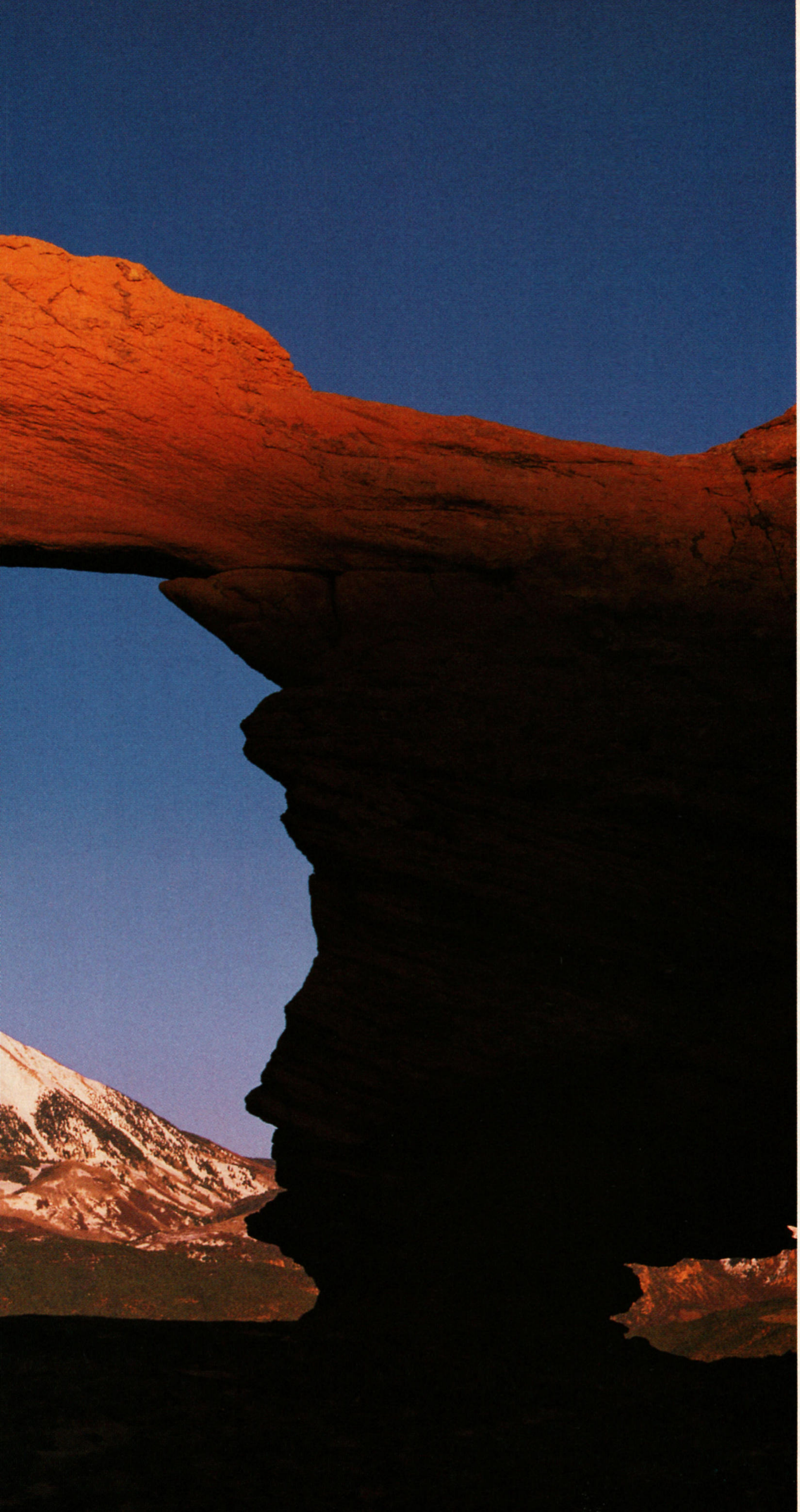
A grudging acceptance came one rainy winter morning after a storm that lasted for days. The gophers in our meadow were flooded out of their burrows, and one coyote, hungry and cold, was hunting, caring less about the intruding eyes of his neighbor than he usually does. He has one ear trained on his prey and one at me, standing in the kitchen doorway, at home like him. **OP**

Frans Lanting's Web site address is www.lanting.com.



plateau light

By James Lawrence / Photography By David Muench



"It's the country—its power, its intimate details—that's the star here. Not me."

—David Muench

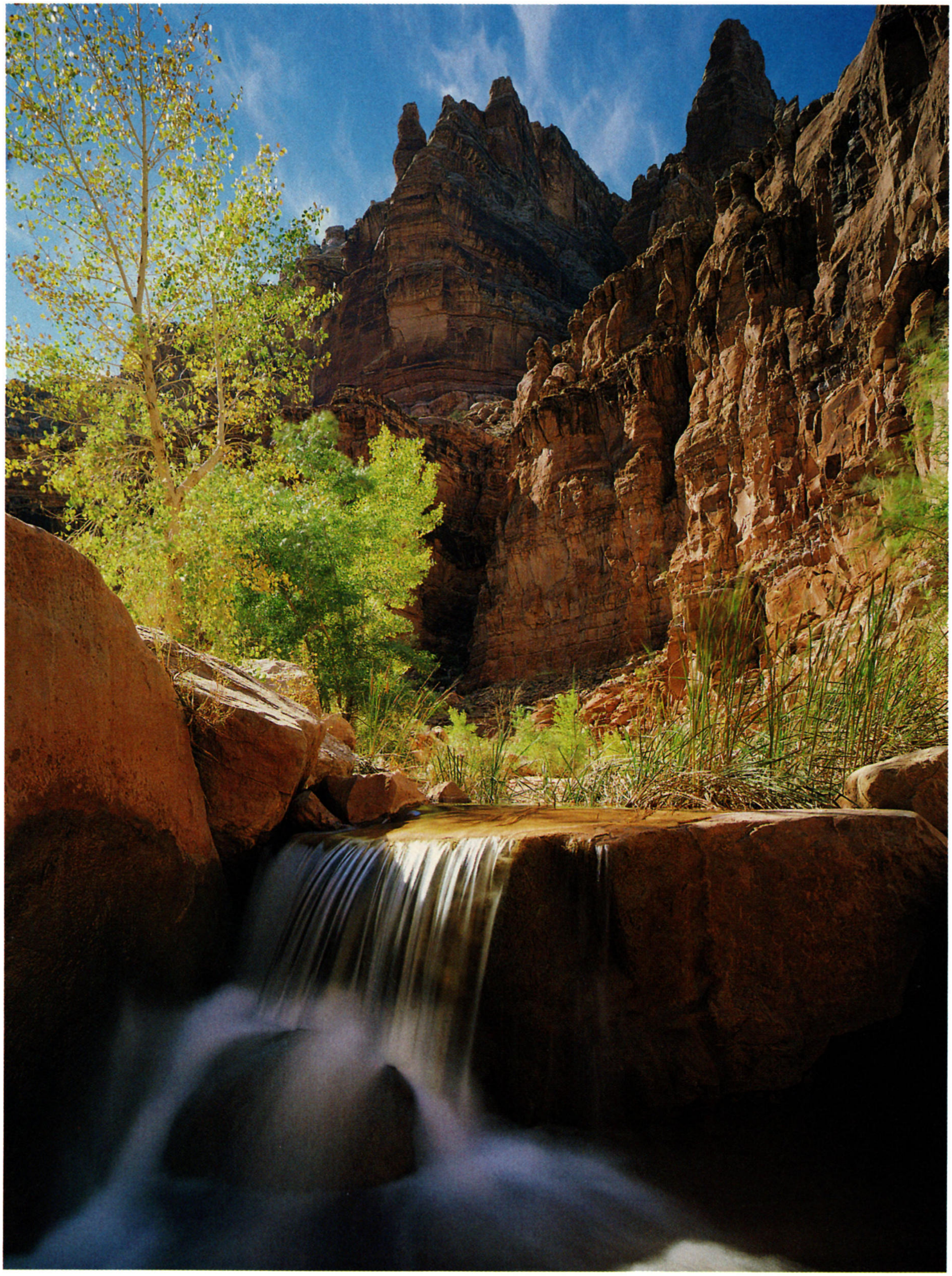
David Muench, one of America's preeminent photographic landscape essayists, lives his life in instinctive sync with an ever-blossoming universe. In his 40-year career, Muench has never once allowed himself the luxury of resting in the comfortable shade of a laurel tree. Always, always, he pushes ahead in search of the next visual hunting ground.

Typically, Muench arrives at a location, fully steeped in awareness of its natural, geological and anthropological history, heady with anticipation and desire to make great images. Then, in what might seem a paradoxical reversal of all his best-laid plans, Muench lets all of it go: his preconceptions, his expectations, even to some extent his previsualized compositions of the great "sure thing" monuments such as Delicate Arch or Bryce Canyon. He has learned how to switch himself into a kind of creative standby mode until that rush of sublime or spectacular light or sky suddenly compels him to forge yet another timeless moment.

Much is written these days about such concepts as timeless or defining moments: In Muench's universe, the photograph of a timeless moment in a natural setting is "what I call that instant of personal response to something unique in the scene before me; a tension between events of the

Tukuhnikivatz Arch, La Sal Mountains, near Moab, Utah.

Linhof Technika, Schneider 210mm, Fujichrome Velvia



past and events of the future. Holding on to that moment through the medium of film is where I come into the picture. It's what I'm all about."

Thus, your classical David Muench ethos: Prepare, go, set up, release expectation and wait, like the hungry lion waits, for the magic moment. Then leap for the throat.

Muench's practice of studious preparation melded with faithful surrender holds a powerful lesson for all of us who aspire to great imagery, to whit: the very conviction that he'll never make the definitive photograph of a specific place is what drives him to make so many of them.

Muench's new book, *Plateau Light* (Graphic Arts Center Press, 1998), is a magnificent celebration of the Colorado Plateau, that massive uplift of redrock battlements that spreads across the Four Corners region of southern Utah, northern Arizona, southwestern Colorado and northwestern New Mexico. Muench has photographed the region many times over the decades, always bringing back powerful, compelling and sublimely beautiful photographs of iconic monuments and hidden slot canyons, arches, mesas and buttes. Many of his shots have become celebrated icons that have helped expand

PREVIOUS SPREAD, LEFT: Gentle Cascade, Sundance Trail, Lower Dark Canyon, near Lake Powell, Utah.

PREVIOUS SPREAD, RIGHT: Soul Of Rock, Soul Of Water, Hackberry Creek, Utah.

THIS PAGE, RIGHT: Sky Wedge, Dead Horse Point State Park, Utah.

CASCADE: Linhof Technika, Nikkor 47mm, polarizing filter, Fujichrome Velvia; CREEK: Linhof Technika, Schneider 210mm, Fujichrome Velvia; SKY WEDGE: Linhof Technika, Schneider 75mm, CC10R red filter, Fujichrome Velvia

Kolob Drama, Kolob Ramparts, Zion National Park, Utah.

Linhof Technika, Nikkor 47mm, Fujichrome Velvia

our awareness of the Plateau. Yet *Plateau Light* is largely made up of new work photographed since 1995.

"I get to missing a place, and I have to go back and experience it again," says Muench. You could call it a revisitation, but eager reimmersion hits closer to the mark. *Plateau Light* powerfully echoes Muench's point of view that his best picture is always the next one.

In these images, you catch glimpses of Muench's most primal approach to photography—and life: the way the light and the seasons renew the convoluted, water-carved canyons, vaulting rock columns and long ranges of skyscraping mountains. It's never just the landscape or the famous image, but the life in the changeable light that made and makes the great images possible, and that will always draw him back.

"The Plateau is like the high desert:

brittle, brilliant, lofty," says Muench. "The clarity can be so profound that you see those distant mountains, those islands in the sky, like they're right on top of you.

"There's never a dull moment. Rock, weather, light—always changing. I've always felt a need to become part of the whole. When I'm out with my camera in nature, I feel I'm a part of everything important about life and living. It all leads to a harmony in my mind, of a reason for being.

"In my more recent work, it's become important not just to experience, objectify and get lost in what's before me, but to discover the great elements, compositions and habitats and bring them back as a representative of my experience there. I'm out there to be a part of it all. And the photograph, I hope, holds and delivers that excitement to the viewer."

Muench calls it a "full immersion in the life experience." Stirring in the flow of the seasonal cycles, the tension and promise of ever-changing light, color, texture and flora ensures a focused yet flexible visceral response to what he'll never consider a static landscape.

The Colorado Plateau, which includes Bryce, Zion and the new Grand Staircase/Escalante, is the perfect canvas for Muench's talent, style and sensitivity. It's a kind of geologic island, this arid plateau, afloat in a sea of active mountain-building country. More than 130,000 square miles of tilted slabs, anticlines and monoclines, canyons, mountains, mesas and rivers—especially the rivers—continue to defy extensive urban development.

Into this land of wonders, Muench packs his Linhof Technika 4x5 view camera and lenses, Fujichrome Velvia (mostly) film and tripod, searching out a sense of place and spirit. Says Muench, "You have to put your time into a place before it will reveal its magic. Usually, the light guides me in planning when and where to go on a specific day, such as a full moon or a frosty spring morning sunrise."

When Muench arrives for the day's work, often after a predawn hike that can be 200 feet or two miles, the "deplanning" kicks in and he shifts into reactive mode, reaching out his senses for the moment when time and place come together in some special way.

"I try and get rid of any rigidness. I don't want to stick to an exact plan and structure, such as the number of shots or locations on a particular day. And that's when it happens. The inspiration to photograph is just amazing. Things fall into place. I'm suddenly aware of things I'd previously thought of and they just start matching up."

Muench searches for the photographic "edges," a play of opposites: the lone cottonwood framed by de Chelly sandstone walls; a massive butte against a cotton-cloud sky; delicate flowers riding a harsh rimrock overlook. Edges, too, of light and shadow. Of reality and reflection, meeting at the waterline.

"I use these elements to try to make all my images stunning, so they'll express as much as possible the totality and feel of the region."

The wild canyons along the Escalante River are a special draw for Muench because they haven't been extensively explored or interpreted yet. The north-south orientation of the canyons as they run into Colorado from the Plateau, with all the intricate slickrock drainages embedded within, evoke for him echoes of a giant tree chiseled into the hard landscape.

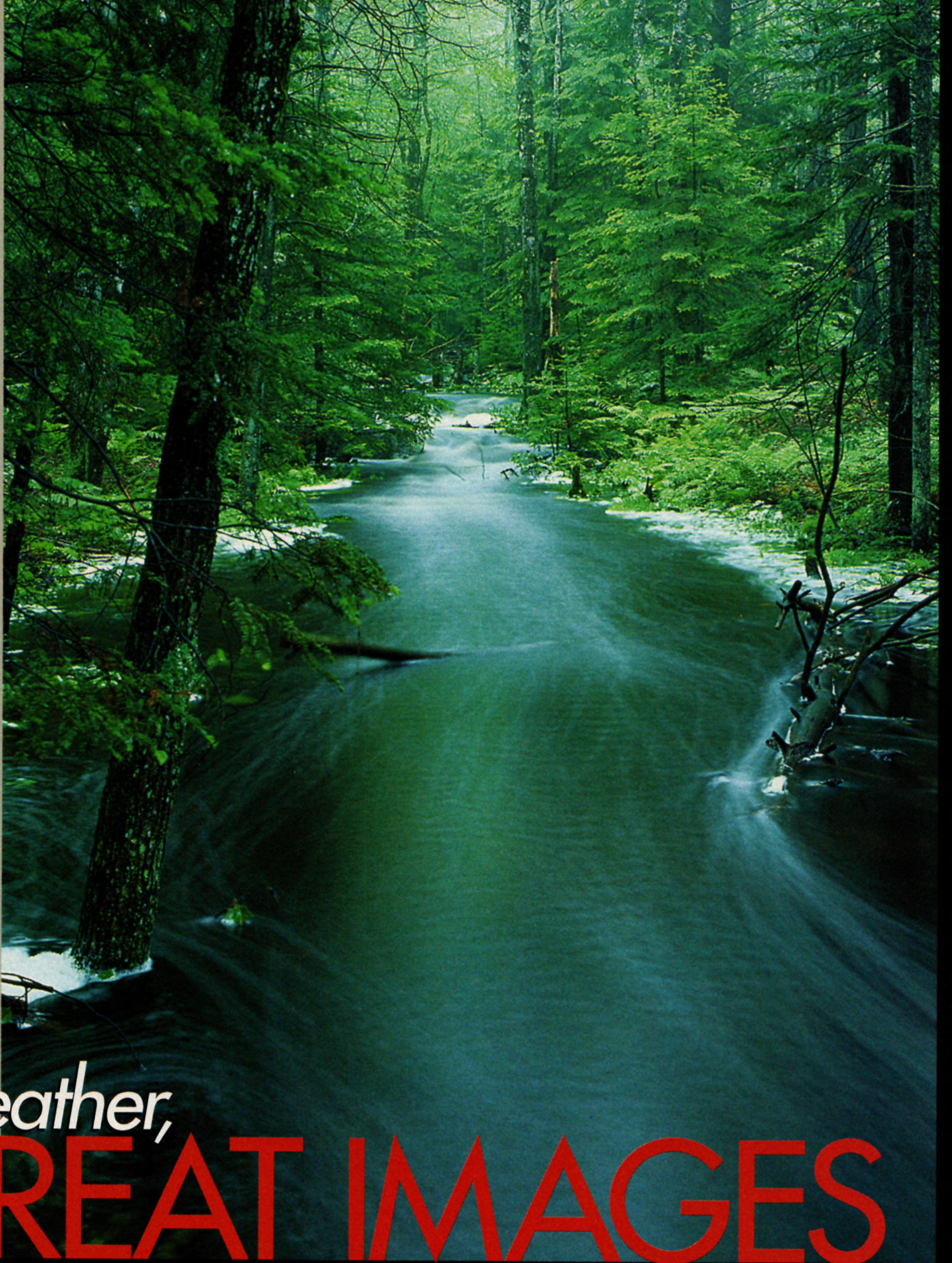
For Muench, the best part of making a book like *Plateau Light* is his sense of creating a personal gallery experience for the viewer. He has lived, day after day, the planning, excitement, buildup and crescendo of the hunt, leading up to the moment when he makes the image. Then there's the unwinding until the next event, a release of either excitement and busy-work tension or of the stress of disappointment in a difficult shot that didn't quite come off.

And, finally, he must face the inevitable letdown when it's time to bring home the game.

Muench considers a book to be a larger expression, an exploration of what's made ever-new in the landscape and by the evolving photographic technology. "Why do another book? Because you can never get a landscape completely defined, you can never get enough of it. And I like expressing myself in book form, rather than in an exhibit. To me, a book is a very loose art gallery that communicates the focus and strong personal experience of the time I've spent there. The very best I can do is to show off the power and beauty, the harmony of the land that speaks of a whole way of life. To reveal the undiscovered, the unexplainable."

For David Muench, there's no other way than to respond to the itch and restlessly seek out the fresh, the mysterious, the unexpected in the lands of light and shadows.

Because, as any lion knows, to hunt is to live. **OP**



1. CHOOSE A SATURATED FILM

Choose a film that does justice to all of those saturated colors. Fujichrome Velvia was my choice for capturing the many shades of green in these landscapes. I was shooting during an unusually lush June here in New Hampshire, when 16 inches of rain fell in one week.

The new Kodak E100 VS looks to be another excellent choice for working in gray weather. It has the added advantage of being a true 100-speed film, so you can use slower lenses without having to go to a super-long shutter speed.

Bad Weather, GREAT IMAGES

Rainy, overcast days are wonderful opportunities for you to make unique and dynamic photographs

Text And Photography By Jane Wingate

In foul weather, when most folks are happy to coop up with tea or toddy in hand, we landscape photographers tend to prowl from window to window, watching the sky, fiddling with the gear, ready to pounce outside to track down the elusive, magic light. Some photographers are tempted to stay inside when it rains. After all, who needs all of that grief—all the hassle involved in keeping your gear dry, not to mention your own flesh and bones?

But intrepid photographers always itch for new challenges and opportunities. Shooting in rainy weather not only presents challenges, but offers rewards to those willing to gear up, get out and go forth into the mist and murk. Here are some ideas for capturing the sodden landscape in all of its glory.

2. SEEK OUT COLORFUL PLANTS

An overcast day can mute colors, but the rain itself intensifies them. Look for these saturated colors and capitalize on them. Flowers and their foliage are even more sensitive when wet. In this photo of leaves plastered to rocks in a brook, the rich, warm colors of the late-autumn leaves were rendered even richer in color and texture.

3. LOOK FOR SUBTLE COLORS

The light on a gloomy day is even, and colors are dreamily soft and muted. Absent are the harsh contrasts that can sometimes plague fair-weather photographers. Subtle shades that might not be apparent on a bright day reveal themselves. Tune in to these colors and photograph them.

4. REMEMBER THE CRITTERS WHO LOVE A LITTLE RAIN

Certain creatures love rain, so now and then, lower your gaze from the larger scene to see what might be underfoot. Frogs and newts revel in their low-down watery world, and often sit still long enough for you to photograph them. Move in slowly on newts; they often let you get close with a macro lens. But hang back a bit with frogs; here's where you might want to use a telephoto lens. This newt was photographed with a 300mm lens and a 1.4X teleconverter.

5. BRACKET YOUR EXPOSURES HEAVILY

A gray day calls for close attention to exposures. Too much light can wash out your images; too little will muddy them. Most of these windless-day photos were shot at *f*/22 for eight seconds. (At ISO 50, Velvia can make for long exposures.) Those settings allowed for maximum depth of field for every distant tree deep in the woods and every blade of grass at swamp's edge to register. Of course, it's always a good idea to bracket your shots.

6. BRING OUT THE MACRO LENS

Early-morning showers accentuate spiderwebs on lawns—ghostly handkerchiefs sprinkled on a field of green. Get down close to them with your macro lens, metering the light off the grass to ensure that the droplets will stay silvery-white. Again—as always—bracket.

7. KEEP YOUR GEAR DRY

Keeping your equipment dry is essential. A long, oversized poncho will cover you and can be draped over your backpack, as well. If you sling your tripod over your shoulder, you'll want to cover the head. There are pouches available for tripods, but a sturdy plastic bag secured with a rubber band over the head also works well, and can be removed and put on again quickly.

A large, plastic trash bag also provides a barrier between your bag and the wet ground. Lens hoods help protect your lenses against drizzle, and in a pinch, you can improvise: a waterproof, wide-brimmed hat or even a collapsible light disk held over your rig can keep the rain off of those pricey lenses. And use your own body as a shield when changing film and switching lenses.

9. KEEP YOURSELF DRY AND COMFORTABLE

Keep your body dry and warm and you'll want to stay outside making great photographs. A shell and good pair of boots that incorporate a Gore-Tex™ membrane keep the rain out and allow your perspiration to escape. Also, a waterproof, wide-brimmed hat does a very nice job of keeping your head and shoulders dry, and will help to prevent your camera from getting wet as you compose through the viewfinder. **OP**

8. LOOK FOR MIST AND FOG FOR AN ETHEREAL TOUCH

Mist and fog tend to enhance images, but they can be difficult to expose correctly. It's especially important to bracket when you're trying to capture these ephemeral elements. Reading the light on the darker objects in your frame will help ensure that the mist and fog remain as white as you see them. Also, try carrying a gray card and metering off of it.

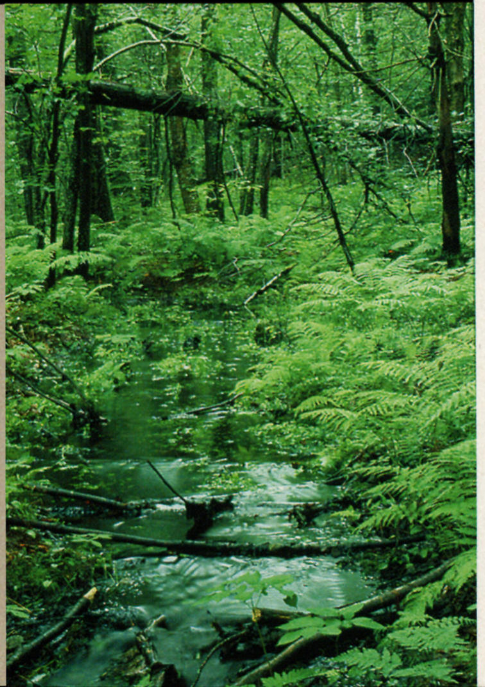


Image by Darwin Wiggett

Clean, rich color by Singh-Ray

*"The **Singh-Ray Color Intensifier** is the only color-enhancing filter I've tried that doesn't pollute other colors or create a cast," says outdoor photographer and columnist Darwin Wiggett. "I call its effect 'believable enhancement' because it keeps the colors looking so natural...it's the natural choice!"*

SINGH-RAY Filters
Excellence for over 35 years

Singh-Ray Corp. 2721 SE Highway 31, Arcadia FL 34266
Copyright ©1999 Singh-Ray Corp. Singh-Ray and Singh-Ray Filters are trademarks of Singh-Ray Corp.

☐ **Singh-Ray Color Intensifier** "boosts" color saturation without adding color cast....$160 each

☐ NEW **Singh-Ray GREEN, RED, and BLUE Intensifiers.** Three exclusive formulations add extra emphasis to a specific part of the spectrum naturally, without adding color cast....$160 each

☐ **Galen Rowell Neutral Density Graduated Filters**–available in 4 formulations.....$99 each

Prices are for filters sized to fit the Cokin "P" holder, other sizes available.

1-800-486-5501 Phone or Fax 941-993-4100
Buy Online: www.Singh-Ray.com

Nothing escapes these Eyes.

The new Steiner Rocky S

After years of research with birders, we've developed *Rapid-Focus;* close focusing from 5.5 feet to infinite distance with just a touch of your finger tip. Smooth and precise, you're always in focus. Available in 8x42 and 10x42 models, featuring long eye relief with contoured Predator™ eye cups and optics that are unmatched in brightness and resolution. Also available in ultra-compact 8x24, 10x28 and 12x28 models. See one at your favorite dealer.

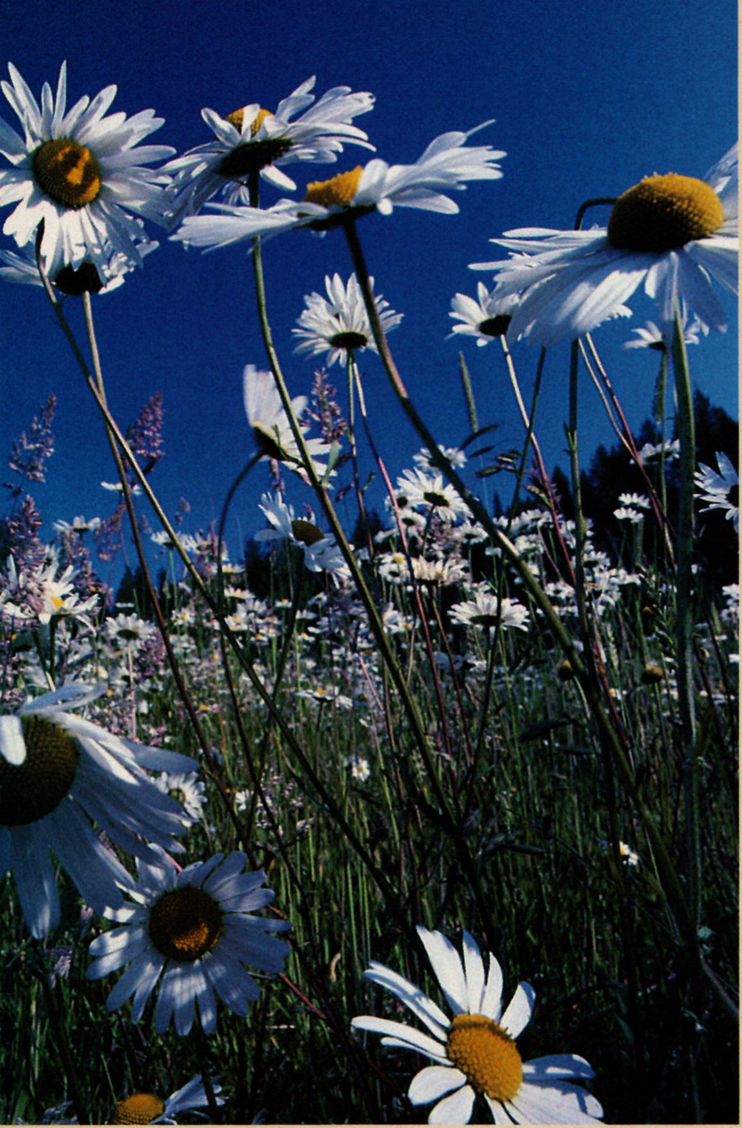
Scanning from high above, everything is clear, deep and rich with contrast. Cutting through haze and shadows, it's vision that excites the senses. Treat your eyes to a whole new way of seeing things. The new Rocky S from Steiner. Nothing escapes these eyes.

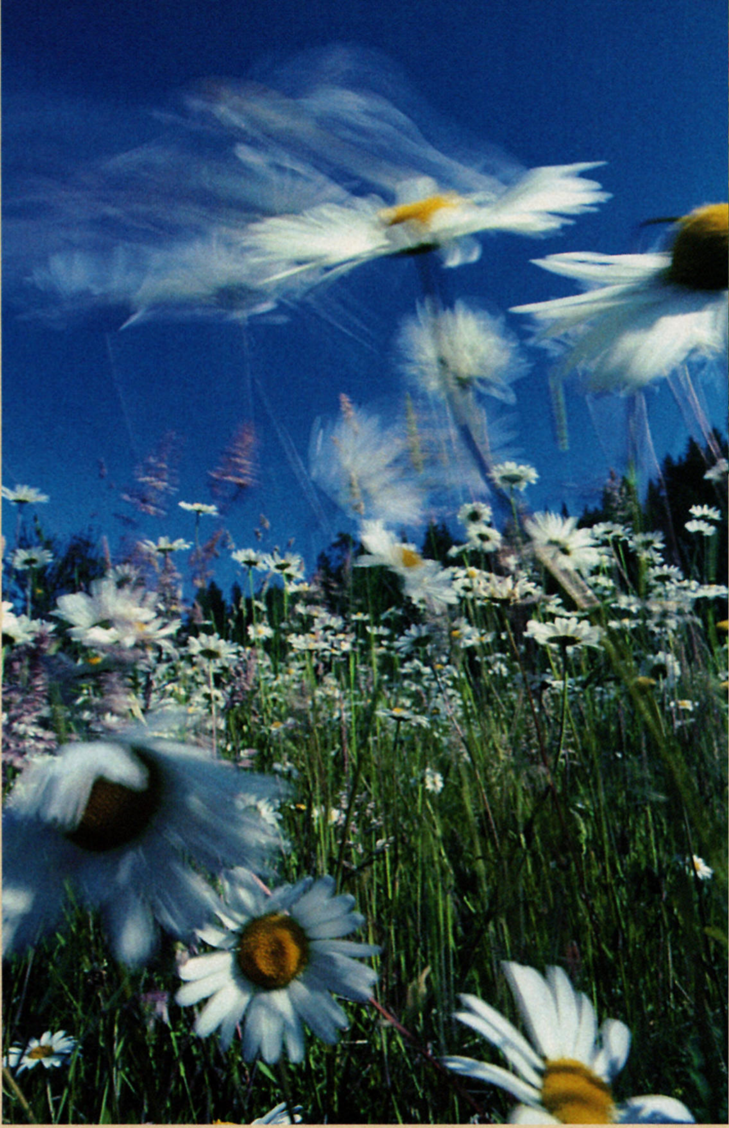
The eyes of a predator.

STEINER® GERMANY
www.pioneer-research.com

PIONEER Research 97 Foster Rd., Moorestown, NJ 08057 (609) 866-9191 (800) 257-7742 FAX: (609) 866-8615
Steiner Optik Canada, Inc. 52 Chatham Street, West, Suite 300, Windsor, Ontario N9A 5M6 Canada (519) 258-7263

▲ Circle No. 135 on Reader Service Card.





Bored with the standard wildflower shots? Try these tips to add new creativity to your images.

Advanced FLOWER TECH

Text And Photography By Tim Fitzharris

The standard approach to photographing wildflowers goes something like this: get close enough to fill the frame with the blossom; keep the pistils and stamens within the depth-of-field zone; minimize subject contrast by restricting shooting to overcast days or by using reflectors, gauze diffusers or fill-flash; simplify the background by looking for shade to reduce its brightness or by keeping it outside the depth-of-field zone to soften it; for sharpness, keep the wind from jostling the blooms during exposure.

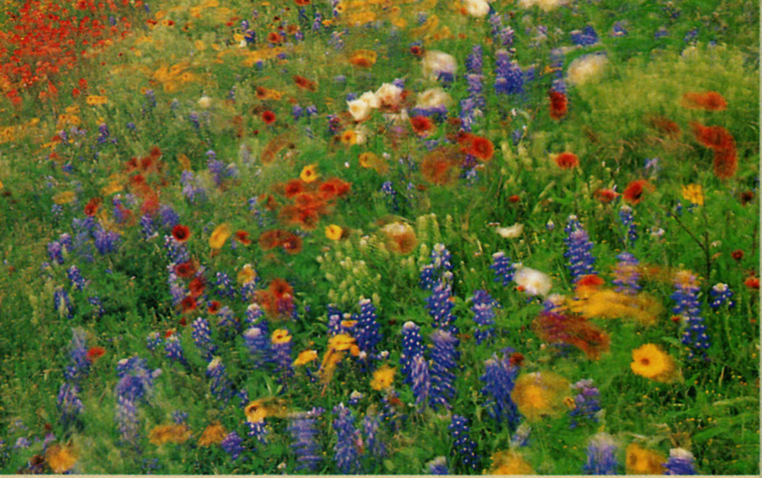
I filled a book, *The Wildflowers of Canada* (Oxford University Press, 1986), with photographs that adhered to this approach. But by the time I completed the project, photographing wildflowers—one of nature's most beautiful subjects—had become a bore.

Fortunately, two factors coalesced to revive my interest. Freeman Patterson's painterly, abstracted work (well publicized in Canada, where I was living) opened my eyes to the possibilities of photography in general, and to the photography of wildflowers in particular. I had also joined a stock agency, and my first year's meager royalties made it clear that advertisers and art directors (the big spenders in the stock world) weren't overly inter-

NIQUES

ested in technically proficient portraits of wild blossoms. Inspired by a creative genius on one hand, and prodded by the sharp point of finance on the other, I returned to the roadside meadows and alpine terraces with a new outlook.

A few things about my new approach remained unchanged: the use of saturated color slide films like Fujichrome Velvia (or the newer super-saturated Ektachromes); limiting shooting to early or late in the day or to overcast days when the light is soft and the wind is low; and using a tripod, which allowed me to obtain sharpness when needed (and also provided a stable viewing platform to carefully review the composition before exposure). From this foundation, I began to experiment with the following techniques.



1. DOUBLE TAKES

Give blossoms a glow or halo of color by exposing the scene twice—once in sharp detail and once in soft focus—an effect that can be accomplished in a variety of ways. First, activate the multiple-exposure feature on the camera, setting it for two exposures. Each exposure should be made at one stop less than the meter's reading so that when combined, a full and correct exposure results. The easiest method involves making the first exposure at a setting that will stop the movement of the subject due to wind (brief shutter speed) or will maximize depth of field (small aperture). This exposure provides the sharply detailed part of the image.

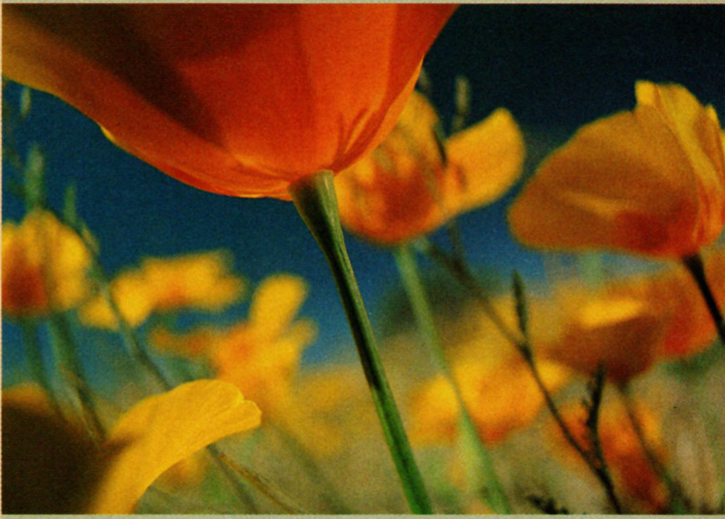
For the second exposure, you can soften or blur the image in several ways: defocus by shifting focus off the center of interest; slow the shutter speed so that blurring results from the flowers moving in the wind; and, if you're using a zoom lens, zoom in or out during the exposure. This sharp/blurred combination of identical subject elements can also be attained on breezy days by choosing an appropriately long exposure to achieve blurring, and then firing a burst of high-speed flash at the scene while the shutter is open to freeze half of the exposure. Generally, this approach works best with light-colored blooms that show up well against a grassy green background.

2. LOW, WIDE AND CLOSE

This technique works best with translucent, light-colored blooms in clear weather. It can be employed effectively at any time of day, even high noon. Use a wide-angle lens of 20mm to 24mm coupled with a short extension tube of about 10mm for close focusing. You may also use a close-up supplementary lens—more convenient, but usually less sharp. With close-up lenses attached, watch for vignetting, or darkening at the corners.

Lie down on the ground adjacent to a thick patch of subjects, thrusting the camera into the clump so that some of the blooms brush up against the lens itself. Apply your eye to the viewfinder and begin devising a composition. The scene will be filled with both in- and out-of-focus flowers against patches of blue sky (the color of the sky can be deepened by attaching a polarizing filter). A slight shift of camera angle dramatically alters the arrangement and relative size of the blooms.

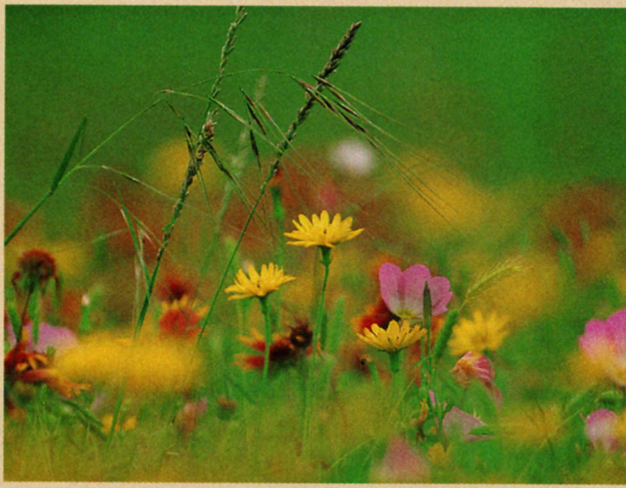
Once you work out a satisfactory arrangement, place a reflector on the ground below the flowers to illuminate the shadow side of the blossoms and bring out their color. Sometimes the best composition results when the camera rests directly on the ground. In this case, use small rocks, beanbags or anything else that's handy to prop up the camera, releasing the shutter with a cable release.

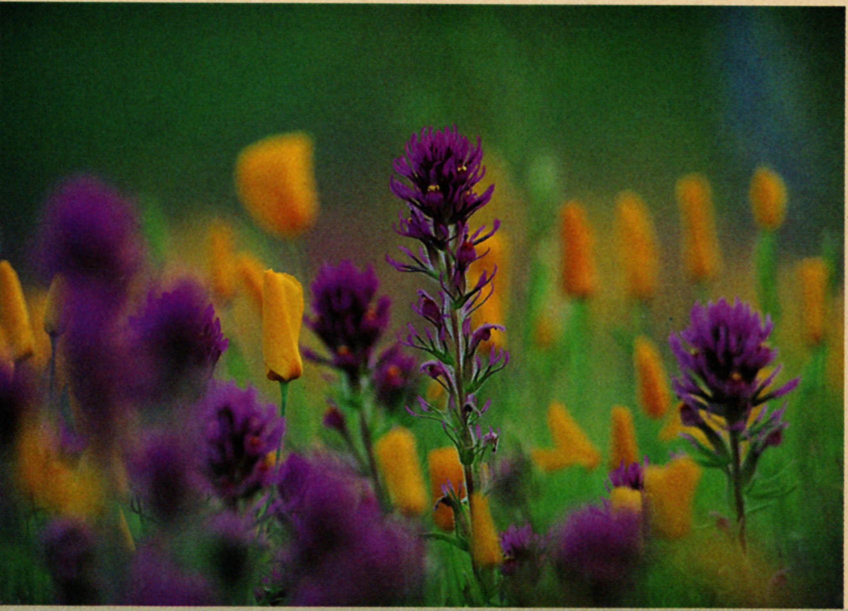


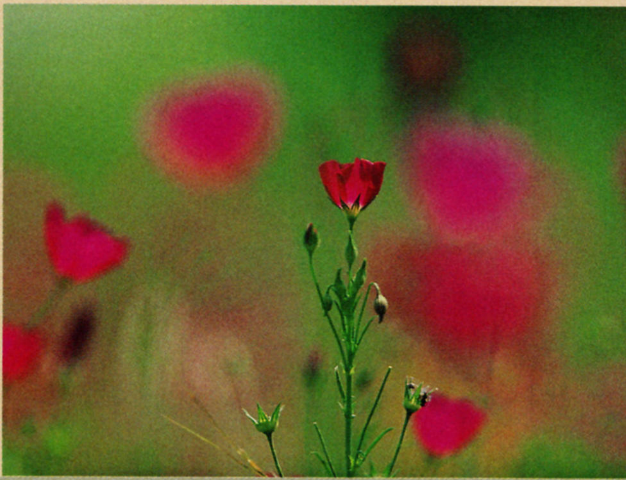
3. TELEPHOTO DREAMS

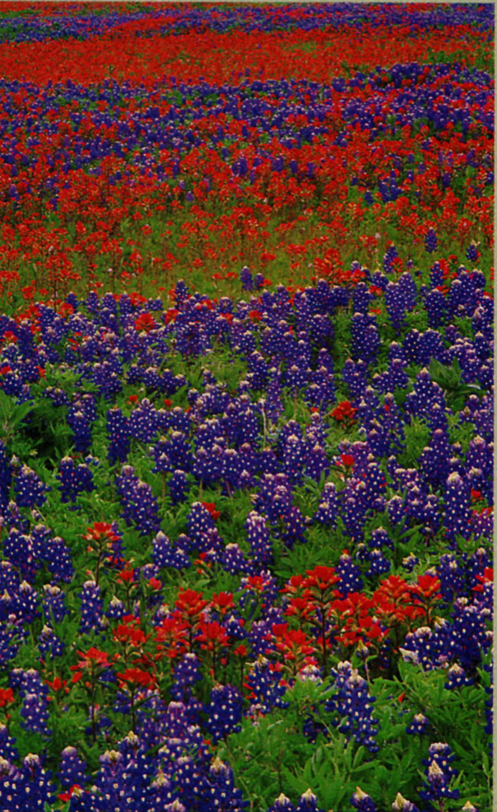
Using a telephoto lens of 300mm or longer at wide-open aperture for minimum depth of field, you can create abstractions of wildflower meadows whose impact is based on the arrangement of out-of-focus patches of color. For smaller flowers, the lens may need to be used with an extension tube or a supplementary lens for closer focusing.

A large, flat expanse of flowers is easiest to work with. Set up the camera/lens on a tripod at blossom height and begin trolling through the flowers, changing both focus distance and camera angle and position until the scene in the viewfinder appeals to you. I often look for one especially attractive bloom on which to focus, making it the pivotal point of the composition around which the washes of pure, out-of-focus color can be arranged. Rather than follow any particular rule or principle of composition, it's best to trust your own sense of color and design as the scene develops.









4. TILTING TOWARD *f*/64

Due to wind movement, it's difficult, if not impossible, to record an expanse of wildflowers in sharp detail from the near foreground (approaching the close-focusing distance of the lens) to the distant background (approaching the infinity focus distance), particularly if you're using a fine-grained, low-ISO film. To attain this amount of depth of field requires the use of a small aperture and a correspondingly slow shutter speed. The attractive but weak light of early morning or late afternoon combined with anything but a dead-calm atmosphere calls for a shutter speed too slow to arrest subject motion.

The solution is to use a camera that permits the lens to be tilted to adjust the plane of focus, thereby reducing the amount of depth of field required for edge-to-edge sharpness. As a matter of course, view camera practitioners make use of the swings and tilts of the camera's lens board to position the depth of field to best advantage. Since this feature isn't part of the standard SLR, Canon, Nikon, Mamiya and Hasselblad offer either lenses or camera bodies that allow the lens to shift, swing and tilt to achieve a more effective use of depth of field. Horseman also offers a swinging/tilting bellows and matching short-mount lenses that can be used with medium-format cameras. Thus equipped, your results will look like you've photographed at *f*/64, even when you haven't.

Although you should come up with some fine photos by experimenting with these approaches, like most artistic endeavors, they'll lose their attraction with overuse and are best considered as springboards to further creativity. **OP**

How to mount a great presentation.

Today's computers let you create and manage some fantastic color images. But what happens after you print them?

FINISH LINE™

Introducing the revolutionary Finish Line™ Mounter/Laminator from Seal® — Bringing professional mounting and laminating right to your desktop.

ED'S FLOWERS
All Flowers
50% Off
MARKET SEGMENTS
Classic Auto Show
First Place
Become a Cable Installer
EGYPT

The multifunction Finish Line Laminator adds dimension and function to your work. Combined with Seal Finish Line Mounting Boards or Pouch Boards, it turns prints into presentations in seconds. Or choose Seal Laminating Pouches for basic encapsulating. Either way, your work will be enhanced, protected and preserved. See your local retailer or call 800-253-2798, or visit our Web Site at www.hunt-corp.com

SEAL.

© 1999 HUNT

Quill, 800-789-1331 • Charrette, www.Charrette.com • Highsmith Inc., 800-558-2110 • Brandess-Kalt-Aetna Group, 800-621-5488

Just WING IT

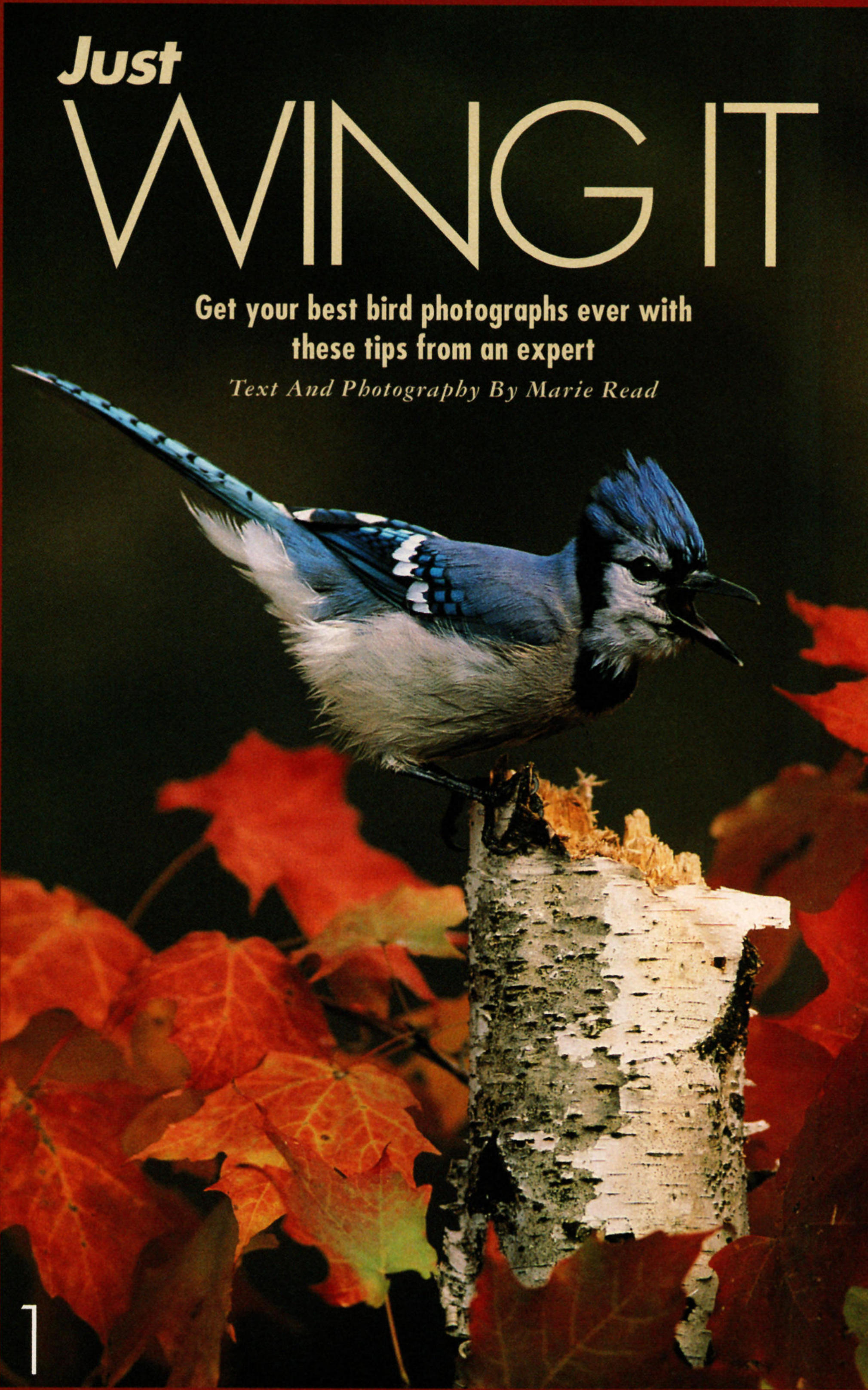
Get your best bird photographs ever with these tips from an expert

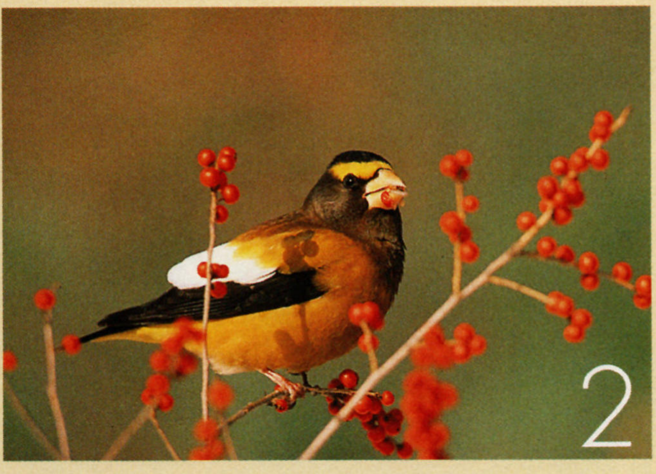
Text And Photography By Marie Read

I've been kneeling at the edge of a lagoon for a half hour, ignoring the slimy mud and the sharp-edged shells digging into my knees, oblivious to the steamy Florida heat. My tripod-mounted 500mm lens is trained on a spot about 25 feet away where a female American oystercatcher is dozing, one leg tucked up into her belly feathers, one eye occasionally flickering open to watch me warily. Struggling to concentrate and stay motivated, I remind myself again and again that the bird is bound to move and do something interesting soon.

Seconds later, harsh cries ring across the water. The bird in front of me is suddenly transformed—she becomes alert, ruffles her plumage and turns to face the sound, bobbing her head. I follow her gaze, and there, flying toward us, is another oystercatcher, calling as it approaches. Instantly, I raise my extra camera system, a handheld Canon A2 body with a 300mm Image Stabilizer (IS) lens, from its resting position slung over my shoulder. Framing the approaching bird, I fire the shutter, capturing one perfect image of the calling oystercatcher before it lands out of range.

A lucky shot? On the contrary. Split-second reactions like this are the result of being ready, both technically and mentally, to take advantage of any opportunity that presents itself. For dynamic images of birds, it pays to be prepared. Here are a few tips.



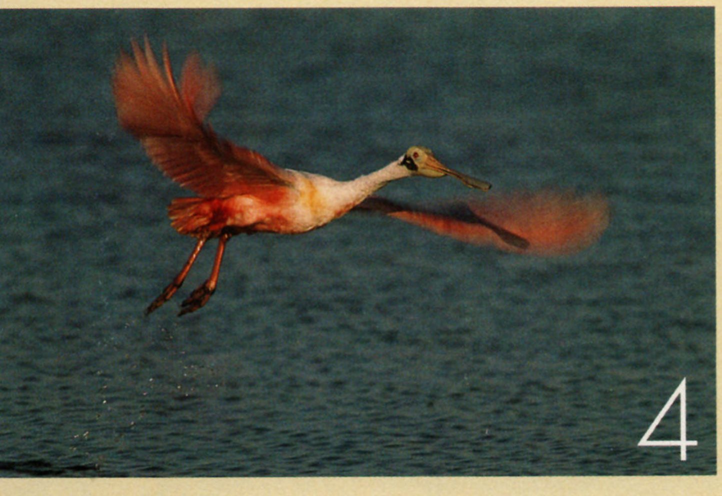

2

1. THEY'VE GOT RHYTHM

Trying to get a shot of a bird singing or calling? You've got to get into the same groove! Notice how birds often vocalize in predictable patterns. Blue jays repeat their raucous calls three or four times. Mallards quack and crows caw in a regular rhythm. Red-winged blackbirds and barn swallows end their songs with long, drawn-out notes. Try mentally singing along with the bird, keeping the same rhythm and making your exposures in time with the beat. This way, the shutter will be open at the peak of the bird's call, and you'll capture the bird in its most dramatic pose, with bill wide open.

2. LUCK HAPPENS!

When the unexpected happens, don't hesitate—shoot! One frigid December afternoon, I was huddled in a blind 15 feet from a flock of ravenous evening grosbeaks squabbling over sunflower seeds at a feeder. One happened to land briefly in a berry-covered shrub nearby—the setting was beautiful, the bird's golden color enhanced by the scarlet fruits. Holding my breath, I swung the lens slowly and carefully around to frame the bird, trying not to spook the flock and ruin my shot. As I scrambled to focus, the hungry grosbeak snatched some of the berries, and I fired off just one frame before it flew to the feeder where the more tempting seeds beckoned. Seconds later, the entire flock took flight and was gone. Luck happens, so enjoy it!

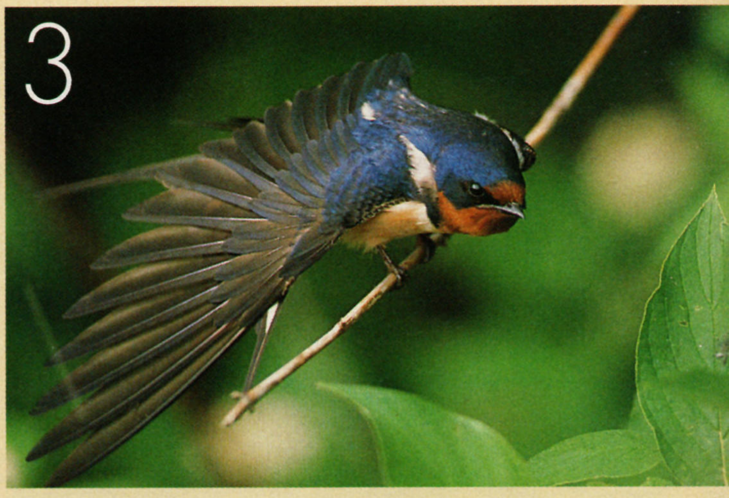

4

3. THEIR TRUE COLORS

There's nothing like the sparkle of sunlight to bring life to bird plumage. Yet some birds look even more beautiful under the softer lighting conditions of a bright but overcast day. The subtle blue coloration of a barn swallow only appears under these low-contrast conditions—in bright sun, the plumage tends to turn glossy black. Under skies with light cloud cover, you can shoot all day long with no harsh, distracting shadows or washed-out highlights. Here's where a super-saturated film excels—try it pushed to ISO 100 under cloudy conditions, and watch those colors pop!

4. ANTICIPATING LIFTOFF

Birds nearly always provide recognizable clues that they're going to fly. Reading this body language is essential if you want to capture the decisive moment. Raptors often shake their wings and/or defecate before flying off. Sandhill cranes stretch (or "crane") their necks forward. Ducks and geese flip their heads to and fro or up and down. Herons and spoonbills crouch to help themselves spring into the air. Once you notice those vital clues, focus immediately on the bird and stay with it—lose your concentration and you may miss the shot.


3

5. BE THERE TODAY, BE THERE TOMORROW

If at first you don't succeed, try again and again. Birds are creatures of habit—individuals have favorite perches where they sing or preen, have predictable feeding places and often have regular routes they take through their territories. If you see something occur once, the chances are good that it will occur again. I was thrilled to notice black-capped chickadees drinking from an icicle formed from sap oozing from a broken tree branch near my backyard bird feeder. When the chickadees came to feed, they occasionally took a sip from the melting icicle as well. I set up my camera and lens and prefocused on the tip of the icicle, with one flash as fill (the tree was backlit most of the day). Then I sat and waited—and waited—for the behavior to occur. I shot several rolls over a number of days, as the icicle melted and reformed. Only one shot was perfect.

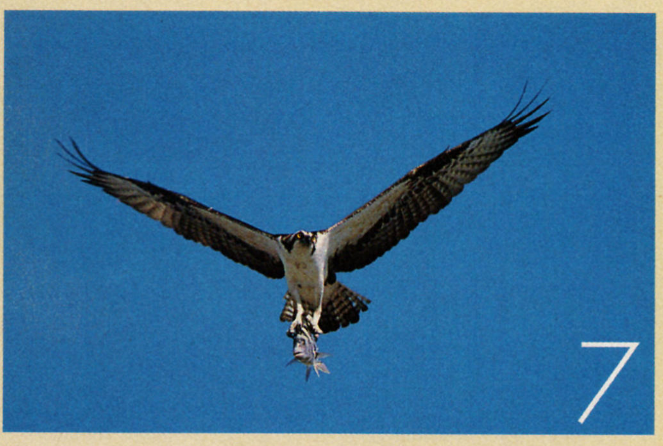
6. EQUIPMENT AT THE READY

Always keep your photo equipment ready for action. My A2 body is in "bird flight" mode while I'm in the field—autofocus mode on AI Servo for continuous focusing, motordrive on high-speed continuous and exposure set to aperture priority at the widest aperture for a fast shutter speed. Batteries drain faster when equipment is constantly turned on, so I always keep a fresh set with me. My Canon 300mm IS lens is set on autofocus, with the Image Stabilizer on mode 2 for panning. While I'm working, both this hand-held system and my tripod-mounted Nikon F4 with its 500mm AF-S lens have their lens caps off and lens hoods fully extended to protect the glass in case of mishaps.

7. WEATHER WATCH

A sunny, windy day can work in your favor—flying against a strong wind slows birds down. Under windy conditions, foraging gulls, terns, kestrels, hawks, ospreys and swallows may hover or hang almost motionless in midair, providing unprecedented photographic opportunities. Whole flocks of colonial seabirds such as gannets often take advantage of strong updrafts to hold themselves aloft above their cliff-face homes. Remember, too, that waterfowl take off and land into the wind, so position yourself accordingly. Unless you particularly want backlighting, be aware that birds flying into a southern or eastern wind are best illuminated in the morning; for a northern or western wind, you'll need to work in the afternoon.

6


7

8. BEYOND PORTRAITS

Be a naturalist—the more you know about birds' daily habits and life cycles, the more exciting and meaningful your images will be. Watch birds even when you're not photographing them—it's a great way to spend your time when the light isn't good. Notice how ducks frequently end a bout of preening or bathing by rising out of the water and flapping their wings. Armed with this knowledge, you'll be tuned in to these behavioral cues the next time you photograph the same subject. Certain behaviors are restricted to specific times of year, so capturing them on film requires planning ahead. Take courtship displays—many ducks begin courting in fall and resume in late winter, so time your trips to the local pond with this in mind and get to know duck courtship behavior.

9. SHARP SHOOTING

The most often-heard advice for getting sharp images is to use a heavy tripod, tighten all the controls and use a cable release. But the last two are impractical if you're trying to photograph an active bird. With a tripod-mounted system, tracking a moving white ibis probing the mud for crabs or an American avocet walking along, sweeping its bill through the water, requires your tripod controls to be loose enough to let you pan slowly with the bird and react immediately to what it's doing. For sharp images in this situation, it's essential to use your weight to dampen any equipment vibration as you fire the shutter. I usually achieve this by gripping the camera body firmly with my right hand, index finger poised on the shutter release, and steadying the lens by pressing my left hand firmly on it about halfway down the barrel.

10. AIR SPACE

Modern autofocus technology has made photographing birds in flight easier than ever. Yet the problem of where to position the autofocus sensor to avoid a static, bull's-eye composition remains. A dead-center bird flying straight at the camera can be visually compelling, but if it's moving parallel to the film plane, it's best if the bird isn't centered in the frame—it needs some space ahead of it. Some camera bodies offer a choice of focusing points, but flight shots usually happen so fast that, for safety, I prefer a central autofocus sensor, positioning it on the bird's head or neck. This results in a pleasing composition—the bird flies into, not out of, the frame. OP

8

for Nature Lovers

Photo by André Constantini F-11 at 1/60 sec. ISO 100 Slide film

TAMRON SP
AF MACRO
AF
M
MACRO

You'll fall in love with Tamron's SP 90mm macro the moment you look through it: Your subject comes into sharp and precise view as you delicately fine-tune focus in the macro mode with Tamron's new focusing ring clutch. Our patented and enhanced BBAR multi-coatings provide you with the most natural color reproduction you have ever experienced. Once you have handled the Tamron SP 90mm macro, you will never want to touch another. It's the most portable macro available weighing only 14.2 ounces. And with a 1:1 design that gives you an efficient 11.4" minimum object distance, you won't disturb your subjects. Tamron's nine-blade diaphragm is designed to make your images pop off the film by blurring the background to perfection. The SP 90mm macro is available for your Canon, Minolta, Nikon or Pentax AF SLR camera as well as over 200 manual focus cameras with Tamron's Adaptall-2 Interchangeable Mount system. Tamron–Sharper by Design.

SP AF90mm F/2.8 1:1 Macro

European Lens-of-the-Year 1997-98

SHARPER BY DESIGN
TAMRON®

Tamron Industries, Inc. 125 Schmitt Boulevard, Farmingdale, New York 11735 (516) 694-8700 Fax (516) 694-1414 www.tamron.com

▲ Circle No. 180 on Reader Service Card.

Sharon Green's ability to be in the perfect spot allows her to capture the fever-

Ultimate SAIL

1888
'94
KENWOOD
CUP

pitched action on the water

By Christopher Robinson / Photography By Sharon Green

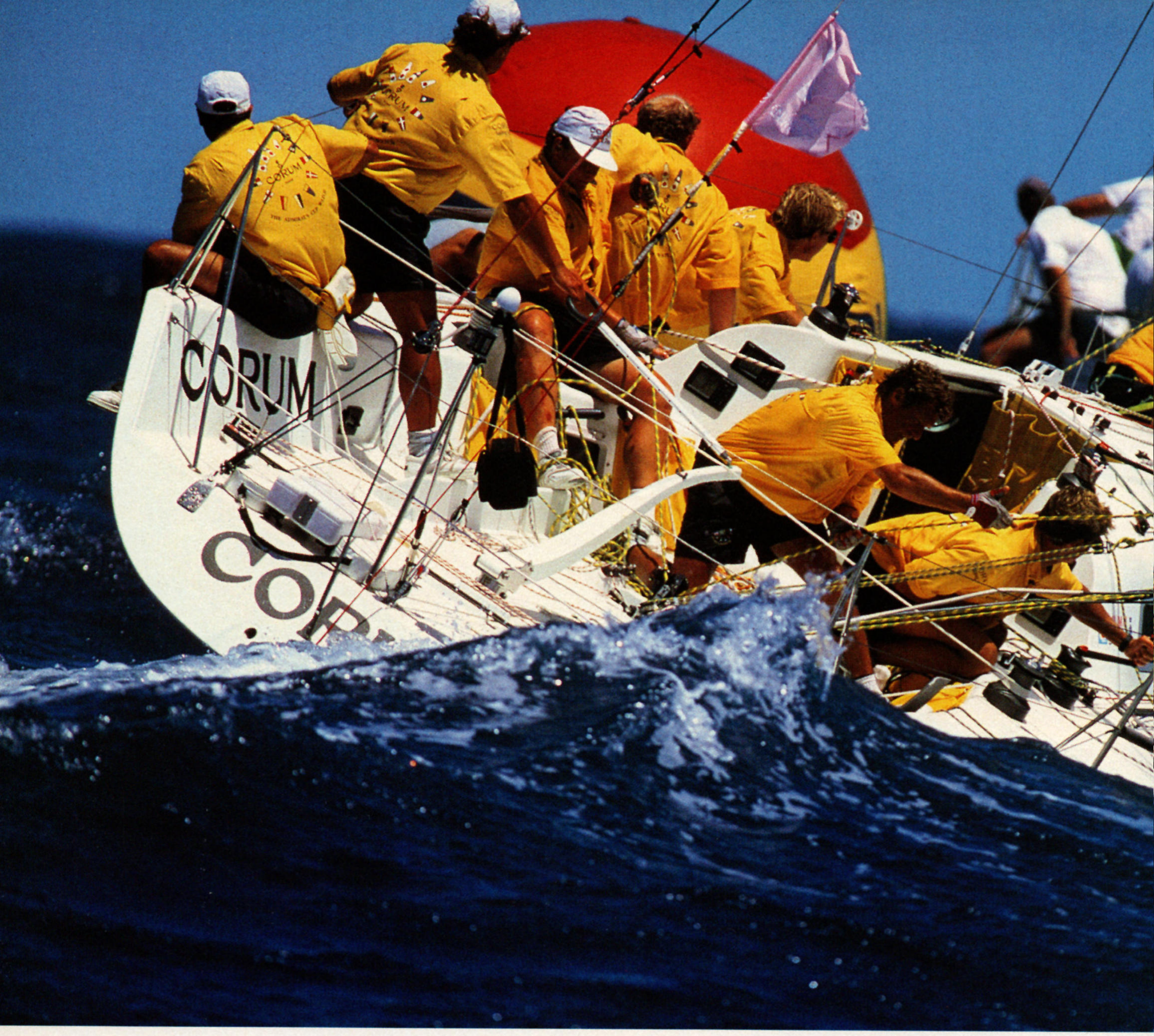
ING

'94
KENWOOD
CUP

For most people, sailing conjures up images of a boat majestically rolling along, white sails set beneath a clear blue sky. The very picture of relaxation. For Sharon Green, however, sailing means action! Fast and furious action mixed with explosive colors in an environment where speed is all-important and winning is the goal. Green's stunning photographs have graced the pages and covers of the world's top sailing magazines. Anyone can aim a long lens at a group of colorful sailboats, but it takes a special eye to turn that scene into a really special photograph.

Green sums up her feelings about her photographs in her new book, *Ultimate Sailing*: "The pictures in the book...are outwardly silent, but I would like them to convey this sonic energy, as much as their stillness is meant to communicate motion, transition, anticipation and apprehension." That's the magic of her photographs; they draw you in and drop you right into the heat of the action. Under graceful spinnakers that billow forth like huge parachutes, you feel the boat rocketing through the seas. You hear the fabric strain as it harnesses the wind. You feel the deck accelerate beneath you as the gust hits.

In Green's photographs, everyone onboard



OPENING SPREAD: Competitors in the 1994 Kenwood Cup race neck and neck upwind. Green captures the two boats as they shoot off the crest of a swell.

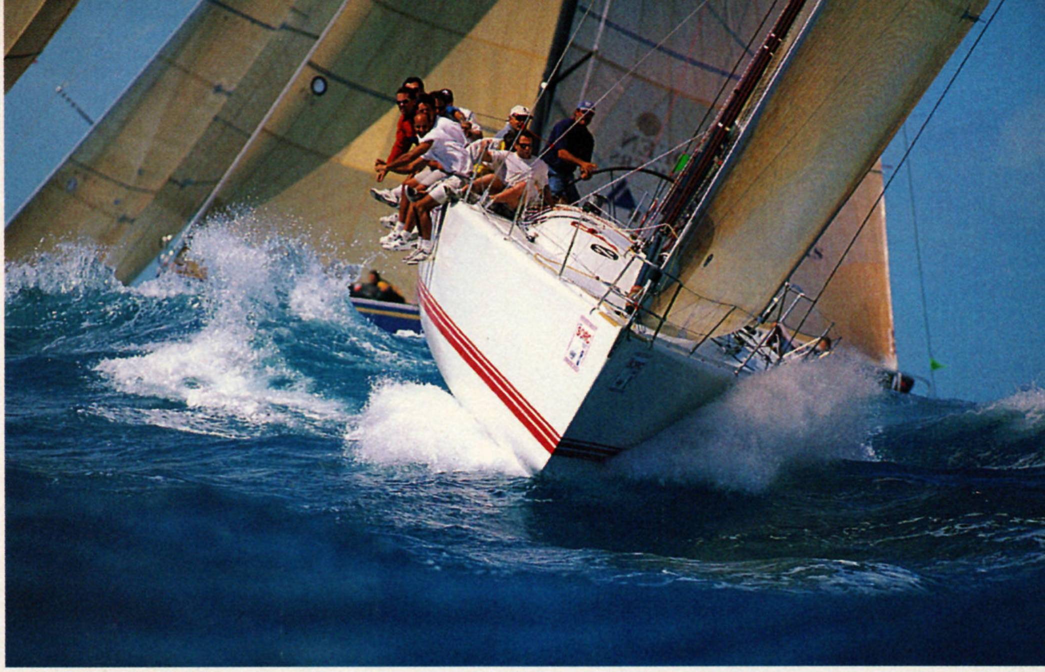
ABOVE: Transitions like this mark rounding are where much of the on-boat race action occurs. Green likes to position her chase boat near the marks because it gives her the best chances for pictures.

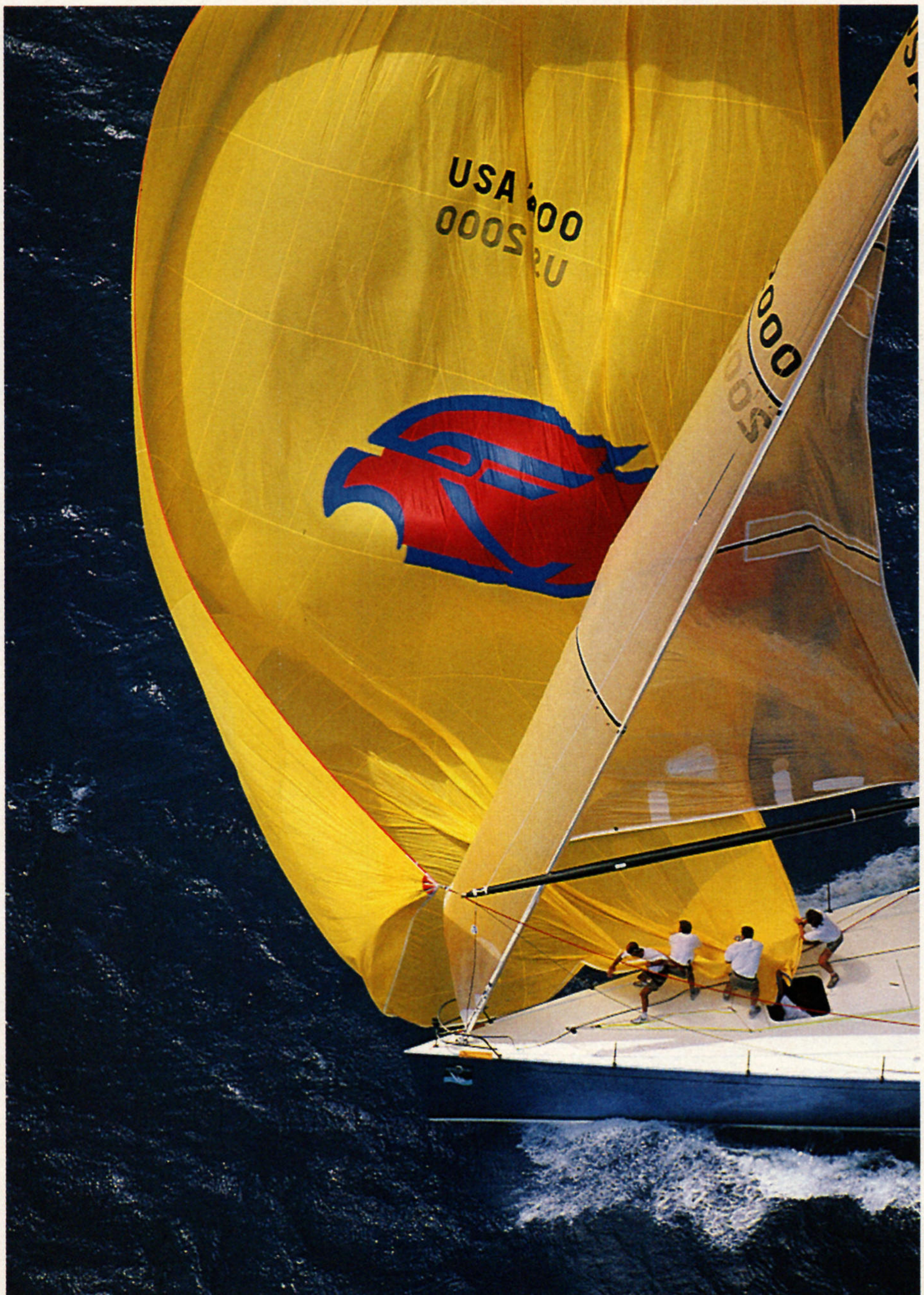
OPENING SPREAD: Canon EOS-1N, Canon 300mm, Fujichrome Velvia; ABOVE: Canon EOS-1N, Canon 500mm, Fujichrome Velvia

is focused on their jobs to make the boat go faster. You can see the concentration and intensity in their eyes. Competition is fierce and everyone is playing to win. Like Cartier-Bresson, Green captures those moments of peak action. Getting the decisive moment is the result of experience, intimate knowledge of the sport, great instincts and a fair amount of luck. Of course, luck is what happens when preparation meets opportunity.

Sharon Green's interest in photography began when she was in high school in Ontario, Canada. Armed with her grandfather's old Voigtländer, she enrolled in a photojournalism class. In that class, she was introduced to the darkroom and the concepts of documenting a subject in a photo essay. The following summer, Green attended a summer arts program in Banff. She was the youngest member of the class. That was a very important summer as far as her personal artistic growth. All during this time, Green was working exclusively in black-and-white. She developed a love of darkroom work and the black-and-white aesthetic, which was perfectly in step with her main interest of doing documentary work.

Green's family is a sailing family. She has had a passion for boat racing





TOP RIGHT: Green photographs the onboard activity to keep the boat going as fast as possible. Crew members strain to lean their bodies out to level the boat.

RIGHT: A sail change seen from a bird's-eye view is a stunning and colorful sight.

TOP RIGHT: Canon EOS-1N, Canon 70-210mm, Fujichrome Velvia; RIGHT: Canon EOS-1N, Canon 300mm, Fujichrome Velvia

12
12

BREEZE
Swedish Match

from the time she was a kid. It was only natural, then, for her to combine that love with her photography. She started out trying to document the racing action on a boat in black-and-white, but it wasn't long before she made the switch to color. "The whole thing just asks to be in color," says Green.

Photographing the action during a sailboat race offers a challenge that most other sports photography doesn't provide. You have to get out on the water in the first place. Green got started by begging for rides from whomever was willing to take her aboard. Being on one of the boats, taking part in the race, is perfect for capturing that particular boat, but to get a feel for the race as a whole, she had to be able to move around the entire race course. To do that, Green had to be on a power boat that could move around the entire course at will.

Much of the action in a sailboat race comes at very distinct times. Green's extensive sailing background enables her to position herself at mark roundings and other key points on the race course where she thinks the action will be. She's adamant that much of her photographic success hinges on the chase boat drivers who help her get to the right place at the right time and then have the nerve to stay there as the whole fleet barrels down on them.

She's adamant that much of her photographic success hinges on the chase boat drivers who help her get to the right place at the right time and then have the nerve to stay there as the whole fleet barrels down on them.

Green describes one particularly hairy moment when she was at the mark as a group of 40-footers were hurtling toward her. Her boat driver had actually brought her in so close to the racers that she couldn't use her usual 300mm. Green was firing away, and the lead sailboat started to yell for her chase boat to get out of the way. No problem—except that the engine had cut out without anyone noticing it. Just before they were run over in what would have been a spectacular and very dangerous collision, the driver got the engine restarted and they floored it out of the way. Close calls are part of life on the water.

Like most outdoor photography, photographing sailing has more than its fair share of hurry-up-and-wait. Green prefers to stick to photographing at regattas that promise to have good winds. In a good breeze, everything moves much faster, but sometimes even that's no guarantee that there will be less waiting.

For example, in a typical race, the racers will arrive at their first mark in a large group. As they make the appropriate turns at the mark, the flurry of activity makes for a flurry of photography. Then it's time to run to the next action spot and wait for the racers to get there.

These are demanding conditions for Green and her equipment. If you've ever wanted to take pictures in some extreme, albeit sunny, weather conditions, Green's techniques for protecting her gear and herself are invaluable. The kind of small, open powerboat from which she photographs is a difficult place to shelter expensive camera gear, especially in these windy conditions. She uses Canon EOS 1-Ns and a variety of Canon lenses. They've been up to the challenges and stresses she puts them through. Her most common lens is the Canon EF 300mm *f*/4 L, but she also uses the EF 500mm *f*/4 L and EF 70-210mm *f*/2.8 L quite often. Says Green, "To really capture the action, I need the longer focal lengths."

(Cont'd on page 100)

ABOVE LEFT: Just before the race was set to begin, Green called to the crew to make a run directly at her. She used a low angle to accentuate the high-speed look.

LEFT: Shot from a helicopter, a group of boats rounding the windward mark looks like dancers waltzing around a ballroom.

ABOVE LEFT: Canon EOS-1N, Canon 70-210mm, Fujichrome Velvia; LEFT: Canon EOS-1N, Canon 300mm, Fujichrome Velvia

HEAVIEST,
LEAST COMPACT
STAFF AVAILABLE.

LIGHTEST,
MOST COMPACT
STAFF AVAILABLE.

The Tracks Compact Travel Staff weighs a mere 10.5 ounces and quickly collapses to just 17 inches. Plus, thanks to its push-button, sure-lock system, you can be sure it won't be doing any collapsing until you want it to.

Tracks®
ENGINEERED STABILITY.
www.cascadedesigns.com
1-800-531-9531

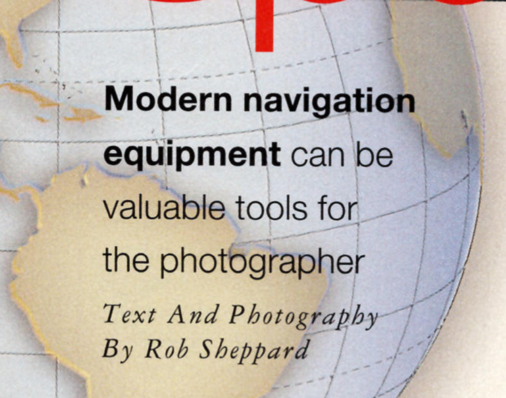
©1999 Cascade Designs, Seattle, WA • More than 25 years of engineering tomorrow's adventures.

▲ Circle No. 160 on Reader Service Card.

Find your Spot

Modern navigation equipment can be valuable tools for the photographer

Text And Photography By Rob Sheppard

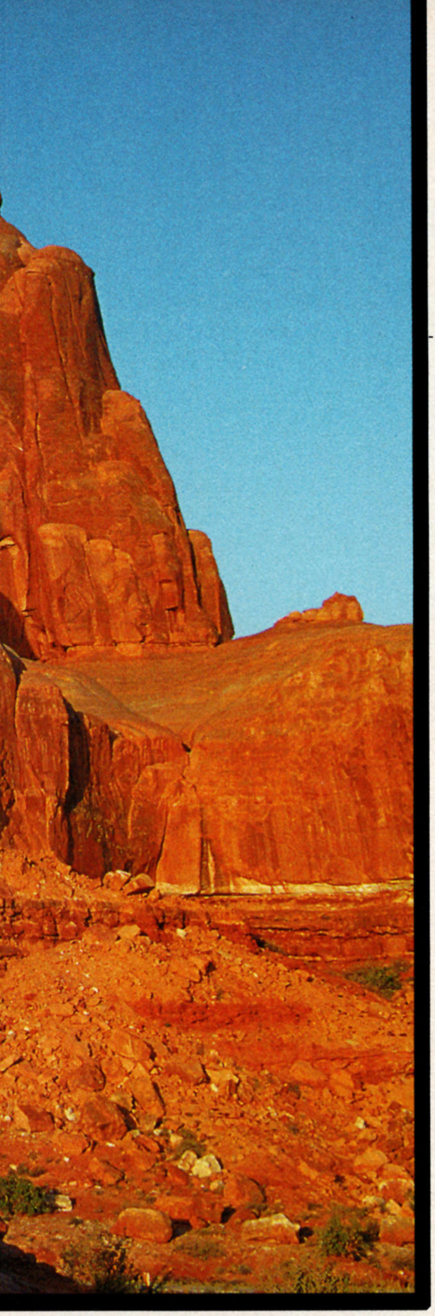


Some scenarios recognized by most outdoor photographers: You travel to a new national park, check it out the morning after you arrive, find a perfect scenic spot, but clouds obscure the sun. The light isn't right, so you make plans to return later. But is it a morning or afternoon location? Where will the sun set or rise? What will the light look like on a particular rock face?

Think about that nice state park within driving distance from your home. During one visit, you find a wonderful stand of maples with tremendous fall color potential. The trouble is, it's spring. How do you find this exact spot in the fall?

Maybe wildlife is your passion. As you wander through a refuge in your area, you find a deer trail with great possibilities. There's a place to hide that overlooks the trail in such a way that you get a nice environmental background of trees and a small pond. How do you get back to this same spot on some future evening when the deer are using the trail?

Some excellent pieces of equipment can help you do these things and ensure that your time outside is as productive as possible. Compasses, maps and GPS units are usually seen as navigation devices to help you get around a location or to keep you from get-



Arches National Park, Utah

ting lost. The latter can be easy to do when you get so intent on the subject that you don't pay attention to where you're going (I've done this). Yet, these devices can also help you find and remember precise shooting locations. See Gadget Bag, page 86, for more information on how to buy them.

Compasses

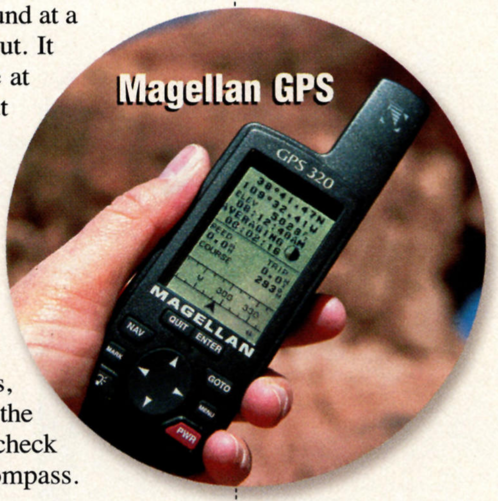
The compass has been a mainstay of the outdoor explorer and enthusiast for centuries. When used with a good map, it can easily keep you on track when traveling cross-country. But it can be so much more than a travel guide.

Landscape photographer Kathleen Norris Cook (*OP*, April 1999) keeps a compass in her gadget bag to help determine where the sun will rise or set at a given location. By knowing this, she can predict where the light will be and what parts of the landscape will be lit in the morning or afternoon.

Brunton & Silva Compasses

224 SW
OUTBACK

I've often gotten turned around at a new location if the sun isn't out. It can also be confusing to arrive at a great spot before sunrise, but when you look for the best spot for your camera, you can't tell how the sun will affect key landscape features. A compass is the perfect solution at these times. Check with locals to find the exact compass direction of sunrise and sunset. They don't have to know the numbers, they just need to point it out on the horizon for you, then you can check the coordinates with your compass.

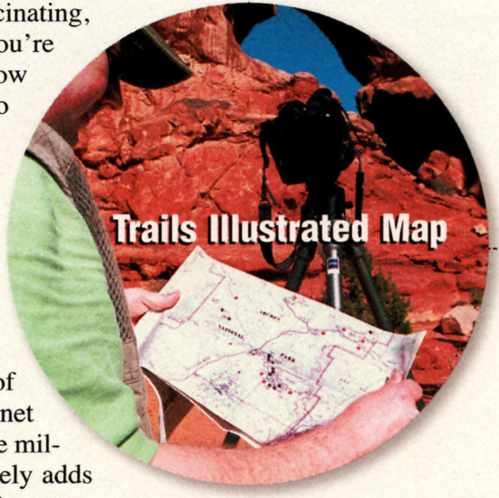


Magellan GPS

GPS

GPS (Global Positioning System) units are amazing, and they've become very affordable. Walking with one through a location can be fascinating, as it will tell you where you're headed, where you've been, how far you've gone and how to get back to your starting spot (or any other marked location). The unit will even draw you a little map of your path.

A GPS unit uses global positioning satellites to precisely determine your location, altitude, bearing and speed, all within 300 feet of your true location on the planet (the accuracy is limited by the military, as the system deliberately adds in random errors of 15 to 100 meters, errors that are filtered out by military



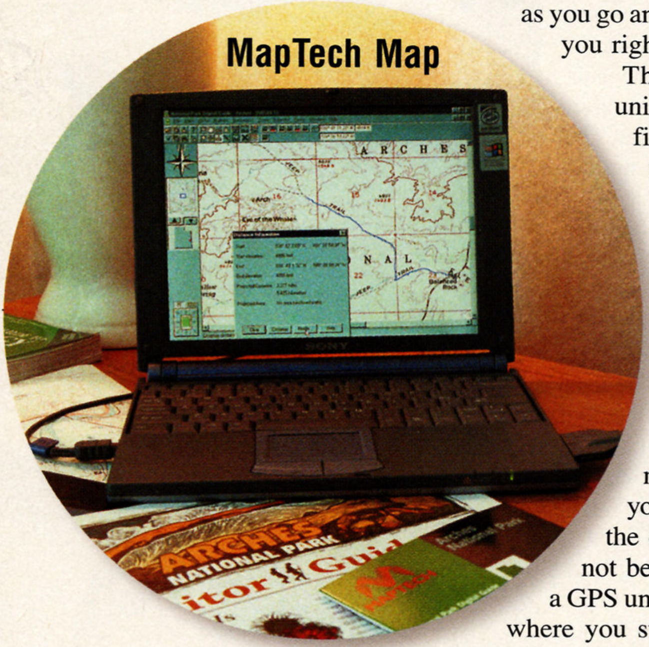
Trails Illustrated Map

Window Arch, Arches National Park, Utah ALL IMAGES: Canon A2E, Canon 28-135mm IS, Kodak E100 VS

equipment). However, knowing where you are within 300 feet can be invaluable in finding locations (a special clump of flowers, a unique vantage point of a goose's nest)—you simply store these locations in the GPS unit as you go and it will always guide you right back to them.

These little handheld units can also help you find your way out of the area once you're done photographing. The latter situation usually comes up more often than we want to admit. The sun sets and it gets dark. The landmarks we used to get to our perfect photo spot are now hard to see. Sure, you know roughly where the car is and you might not be completely lost, but a GPS unit can tell you exactly where you started from and how to return there quickly.

With a map, the GPS becomes even more useful. You can locate an interesting feature on a good map at your camp or in the motel the night before, input the coordinates into the unit, then use it to guide you directly and surely to the location. *GPS Made Easy,* by Lawrence Letham (The Mountaineers, 1995), is very helpful in learning how to use a GPS unit.



MapTech Map

Maps

The good old-fashioned map is still a critical part of any outdoor photographer's pack. You can use it to discover interesting locations to check out, to find available routes to those locations and to evaluate contours related to specific compass orientations so you can predict what an area will look like. You can write notes about locations, including compass or GPS coordinates, so you can return precisely to a particular location.

A good map will include contours, longitude/latitude grid, compass bearings, trails, key locations and landmarks, roads and parking areas and much more at a scale appropriate for your trip. Usually, you'll want maps with a scale of 1:24,000 to 1:50,000 (meaning 1 inch equals 24,000 or 50,000 feet).

The precise positioning capability of a GPS unit is great to use with a map, as it can tell you exactly where you are on that map. Also, a compass can be used to triangulate your locations quite well. From your position, site on a landmark in one direction and note the compass bearing. Then turn and site on a landmark in a completely different direction and note that bearing. Compasses with a clear base and a straight edge can be used to draw these bearings on the map. Where the two bearings intersect is your location. You can use this technique without a map, too, to note a particular spot to which you want to return. *Compass & Map Navigator,* by Michael Hodson (ICS Books, 1997), is helpful for learning all of the ways a map and compass can be used together.

You can also use maps on the computer. This can be very valuable back at camp or the motel room in planning your travels in a particular area, as the computer will often make it easier to find particular spots on a map, determine distances along a trail and even give you an idea of elevation change across a particular part of an area. **OP**

learn professional photography at home from the new york institute of photography

Have you ever dreamed of seeing your photos in a national magazine? Or earning income in your spare time? Or starting a new full-time career? Or simply becoming the best photographer you can be?

Why not profit from an aptitude that comes naturally? If you love photography you can make it all happen — at home, in your spare time with the training and inspiration of NYI's world-renowned home-study program in professional photography.

Step-by-step training at your own pace. NYI's beautifully illustrated, easy-to-follow lessons come to you by mail. But you don't just read them. You listen to lively audiocassettes that guide you step-by-step from basics through advanced techniques including sports, travel, glamour, portraits — even video. It's like having the world's most patient teachers at your side!

Training on videotape too! Many people learn best by watching. With NYI's copyrighted "Live-Action" videotapes, you sit back and watch the pros in action. You see what they do — and you are taught how to use the same techniques.

That's only the beginning. Best of all, you learn by doing. You take your own photographs, and send them to the school for personal feedback and evaluation on audiocassette, offering you specific suggestions and "tricks-of-the-trade" to enable you to make your photos totally professional. There is, quite simply, no finer course anywhere. Our years of experience, low tuition and thousands of succesful graduates — plus our full money-back guarantee — are proof that this remarkable course can make you too into the photographer you want to be!

Getting started is a snap. Don't delay. **CALL 1-800-336-NYIP** Toll Free or return the attached coupon now to get complete **FREE** information. No obligation.

Every month at NYI we get dozens of letters like these...

" I earned $6,500 the first month. Only my wife and banker know how happy the NYI Course has made me."

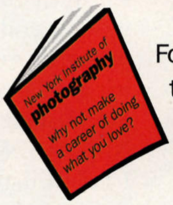
– C. Ross Perry
Calgary, ALTA

" I kept looking at your ads... and finally enrolled. After just six months **I've already grossed over $18,000."**

– Jim Van Noort
Miles City, Mont.

new tips on photography every month.

www.nyip.com



For free catalog visit
the web, call toll-free
1-800-336-NYIP
or return coupon today!

New York Institute of Photography
Dept. U69, 211 East 43rd St., New York, NY 10017

☐ YES, please rush me, with no obligation, my FREE CAREER GUIDE and CATALOG describing the NYI Home Study Program in Professional Photography and how it can help me succeed in photography.

☐ Under 18, check here for special information.

name: ____________ (please print)

address: ____________

city/state/zip: ____________

founded 1910 – licensed by New York State Dept. of Education

The World's BEST Prints

New technologies give photographers the chance to get amazing prints from their images

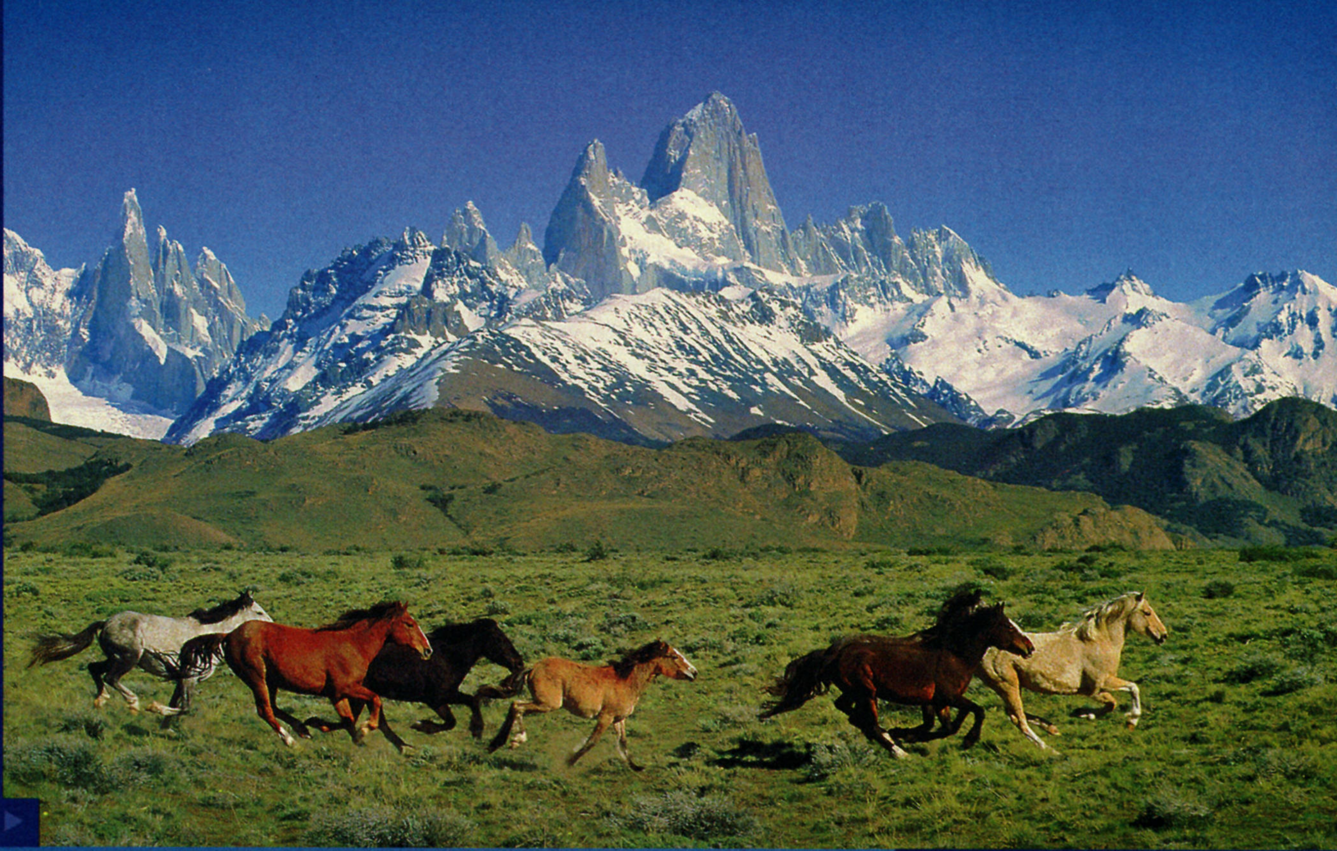
Text And Photography By Galen Rowell

In the late '60s, a few years before committing to the life of a freelancer, I felt honored to join an inner circle of published writers and photographers who met every week at a waterfront bar in San Francisco. When I made the mistake of showing off my new Nikon FTN with the lame excuse that I didn't dare leave it in my car, two ponytailed graybeards (a bit younger than I am now) turned to their drinks and proclaimed the impending doom of photography. After agreeing that all great art must come from simple tools guided by hand and eye and that every camera setting is potentially creative, they concluded that real men shouldn't be caught dead using through-the-lens meters, much less shooting color and not processing it themselves.

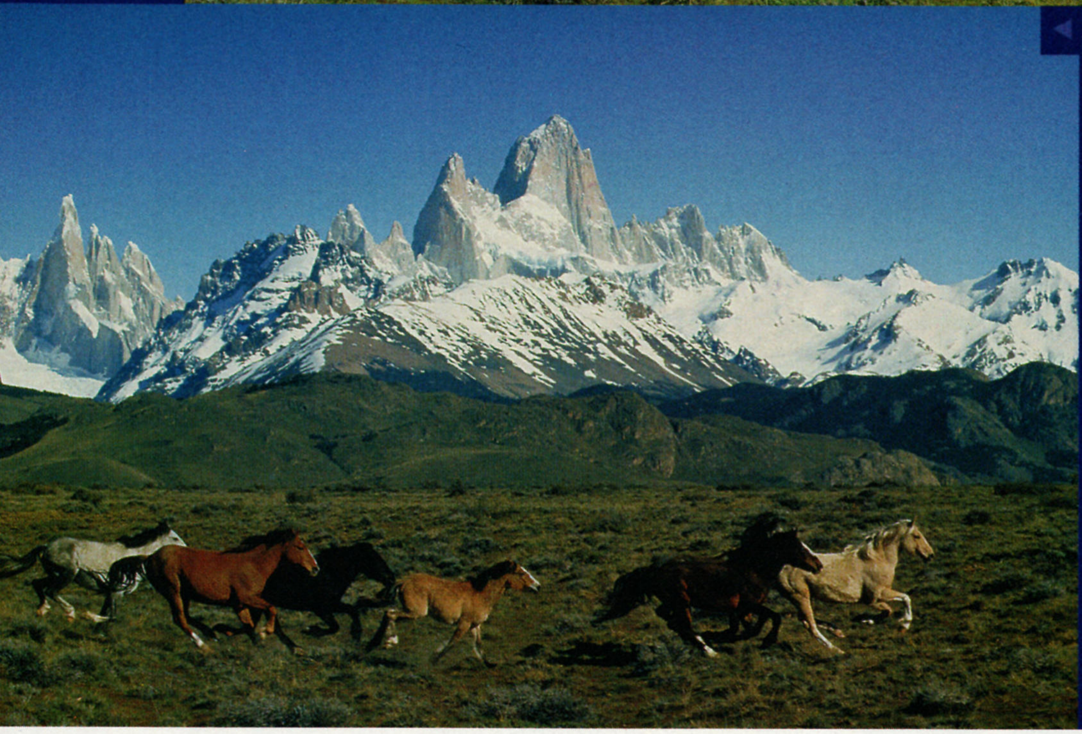
My translation was that the more time you spent diddling with that extra meter or fiddling in your darkroom, the more your somber black-and-whites might be worth when you were dead. I was more concerned with spending as much time as possible in the wild, doing the things that gave my life meaning.

The experience came first. My best pictures resulted from a passionate, participatory involvement with the natural scene before my lens. None were purely based on technical expertise or automated equipment. Here, I found myself on common ground with the graybeards, who suggested that even though I had the latest Nikon, whenever anyone asked what camera I used, I should blithely reply: "Asking a photographer what model of camera he uses is like asking a writer what model of typewriter he uses."

That formerly popular repartee, once known to every pro, hasn't been heard since new technology deposed the typewriter and political correctness banished the masculine pronoun as a



Digital ▶



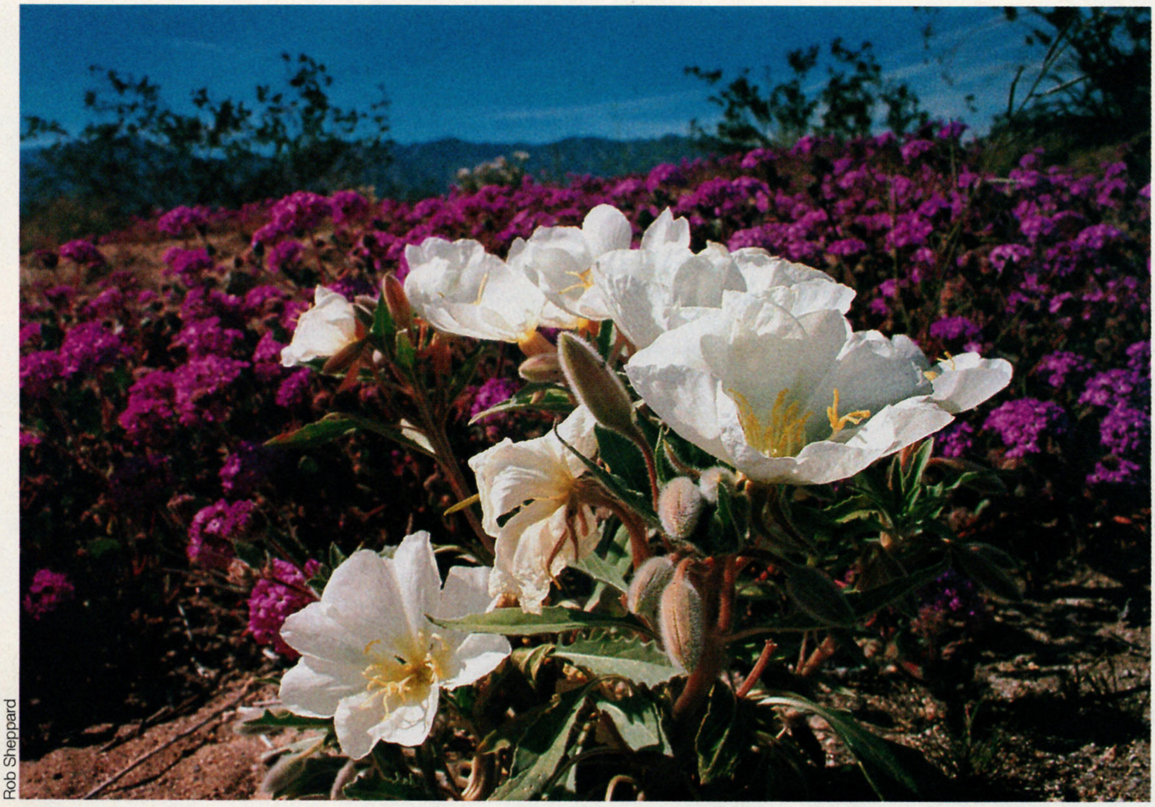
◀ Analog

These images are reproduced from prints, not from the original slide. The print at left looks good, but the digital print is amazing, bringing out detail and color present in the original slide, but difficult to get in a traditional print. Nearly any well-done digital print, even from a photo-quality inkjet, will be better than a conventional print. Many service bureaus will make digital prints from slides or negatives, even if you don't have a computer.

Nikon F3, Nikkor 85mm, Fujichrome 100

general descriptor. To say what model of computer he or she uses just doesn't have the same meaning or ring, partly because our culture has experienced a major paradigm shift about the value of technology. Many of today's men and women—especially some of the most successful writers and photographers—take for granted that word processing makes for faster and more consistent writing and that automated features make for faster and more consistent photography.

Yet, for traditionalists, digitizing images and fine-tuning them in Photoshop to produce the most accurate and truthful color prints in history seems like a contradiction in terms. Not so long ago, all digital renditions of nature were predictably awful. Today, the gamut includes fine poster, book and magazine reproductions, as well as digitally enlarged true photographic prints that exceed analog enlargements (traditional prints) by every measure of sharpness, tonality, color rendition and aesthetic appeal.



Rob Sheppard

While Galen and Bill Atkinson have perfected their process for slides, print film can yield excellent digital prints, too. You'll need to work with your service bureau to achieve optimum results.

Canon A2E, Sigma 28mm $f/1.8$, Fujicolor Reala, scanned with a Nikon LS-2000, printed by Calypso Imaging

TRAVEL TO DESTINATIONS OUT OF THIS WORLD.
MEADE
COMPUTER CONTROL
ETX AUTOSTAR
SOLAR SYSTEM
SATURN
MEADE
ENTER
MODE
GO TO

Take a guided tour of the heavens at the push of a button with the Meade® ETX-90EC™ Astro Telescope.

Meade ETX-90EC Telescope. Shown with Autostar Computer Controller.

See more in 20-minutes than Galileo saw in a lifetime. Galaxies, nebulae, star clusters, the planets, and more. New Meade digital technology makes finding any object in the sky as easy as pushing a button!

Choose from over 14,000 celestial objects stored in the Autostar™ hand controller's database, press GO TO, and the telescope moves to the object, places it in the field of view, and follows it across the sky — automatically, first time, every time. This is one telescope you have to see — and use — to believe.

Use the telescope's automatic guided tour feature to explore the rings of Saturn, mountain ranges on the Moon, or dust lanes in the Andromeda Galaxy. The Meade ETX-90EC Astro Telescope with Autostar hand controller — easy to use by anyone, anywhere, anytime.

Call **1-800-62-MEADE** for a free copy of Meade Telescope Catalog #124 or for a dealer location near you. ETX-90EC: $595, complete with 4-speed electronic hand controller (not shown). #497 Autostar Computer Controller: $149. Meade telescopes and accessories are available at over 2000 dealer locations in the U.S.A. and Canada. **Meade Instruments Corp. 6001 Oak Canyon, Irvine, CA 92620. FAX: (949) 451-1460. www.meade.com**

©1999

MEADE®

Learningsmith THE GENERAL STORE FOR A CURIOUS MIND®
1-800-227-2137

natural wonders®
1-800-2-WONDER

▲ Circle No. 193 on Reader Service Card.

We've grown so accustomed to the deviations of analog optical enlargements that we accept them without question. Of course big prints never look as sharp as our original transparencies. Of course colors and contrast fall off. Of course prints made at different times with different paper and chemistry will never look quite the same. What do you expect, a miracle?

My miraculous conversion happened overnight by Federal Express delivery, when I opened a box of 50-inch prints that held all the saturation of my original 35mm transparencies with even better tonal separation and the apparent sharpness of medium format. They were printed by EverColor Fine Art in Massachusetts from my digital files onto Fuji Crystal Archive paper that has an independently tested display life of 71 years before noticeable fade.

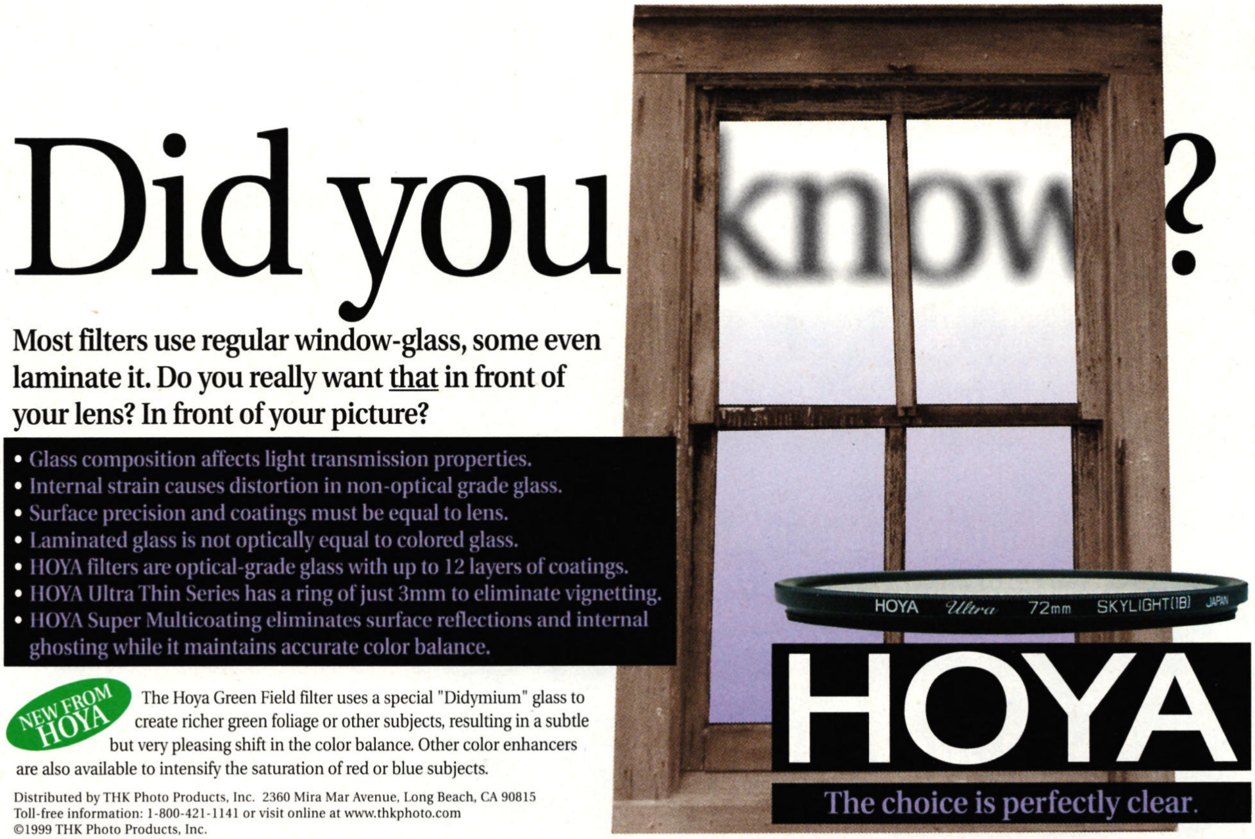
Seeing was believing, but it took much more to convince me that future perfect prints with my precise aesthetic choices could be obtained from any properly calibrated output device, from my $299 Epson inkjet proofing printer to the $250,000 Cymbolic Sciences LightJet 5000 digital enlarger that exposes my exhibit prints with color lasers at the service bureau. These same digital files will also reproduce my carefully selected values in future books, using direct computer-to-plate technology to replace the judgment calls of Hong Kong scanner operators working against deadlines.

Our mental template of how photos represent the natural world has been formed around analog photographic prints. Fine digital enlargements negate many of the introduced shortcomings that we take for granted. Color and contrast do fall off as they are spread ever-thinner in traditional enlargements, but the digital information being fed to a scanning laser can expose a five-inch print or a 50-inch print with the same values. Film grain can be selectively defocused into obscurity in continuous-toned skies, while all the inherent edge sharpness of the main subject can be retained through unsharp masking.

I titled our first full show of Crystal Archive LightJet photographs "Veridical Visions," choosing an antiquated adjective that means accurate and truthful. But all wasn't wine and roses as our Mountain Light Gallery began to hang the exhibit. I felt '60s *déjà vu* as an earnest gentleman began asking, "You mean every print will look exactly the same?" "They come out of a computerized machine?" "You don't print them?" "Do you use Photoshop?" "Are they manipulated?"

I described spending hundreds of hours over the period of a year making the creative decisions for just 45 prints; I also compared the way that my creative decisions are completed before the file is sent for output with the way that my creative decisions for original transparencies are completed before my film is processed. I considered absolute repeatability to be a gift from heaven empowering me to deliver prints to my customers that will always hold my particular artistic and interpretive choices. If anyone has further concerns, we'll show them the original image.

I further described my belief that nature photographers have a sacred trust to print no more or less than



Did you know?

Most filters use regular window-glass, some even laminate it. Do you really want that in front of your lens? In front of your picture?

- Glass composition affects light transmission properties.
- Internal strain causes distortion in non-optical grade glass.
- Surface precision and coatings must be equal to lens.
- Laminated glass is not optically equal to colored glass.
- HOYA filters are optical-grade glass with up to 12 layers of coatings.
- HOYA Ultra Thin Series has a ring of just 3mm to eliminate vignetting.
- HOYA Super Multicoating eliminates surface reflections and internal ghosting while it maintains accurate color balance.

NEW FROM HOYA The Hoya Green Field filter uses a special "Didymium" glass to create richer green foliage or other subjects, resulting in a subtle but very pleasing shift in the color balance. Other color enhancers are also available to intensify the saturation of red or blue subjects.

Distributed by THK Photo Products, Inc. 2360 Mira Mar Avenue, Long Beach, CA 90815
Toll-free information: 1-800-421-1141 or visit online at www.thkphoto.com
©1999 THK Photo Products, Inc.

HOYA

The choice is perfectly clear.

▲ Circle No. 205 on Reader Service Card.

what was actually before their lens, unless the image is disclosed as digitally altered or presented as digital art. This doesn't mean that prints need to show introduced artifacts that weren't before the lens, such as scratches, emulsion flaws, enlarged grain or inaccurate color shifts. Ethical use of Photoshop eliminates or reduces these introduced flaws.

The two opening receptions for the show of 70 prints drew more than 500 people. Half of the photographs were by Bill Atkinson, the digital-guru-turned-nature-photographer who had introduced me to his process and mentored me for a year.

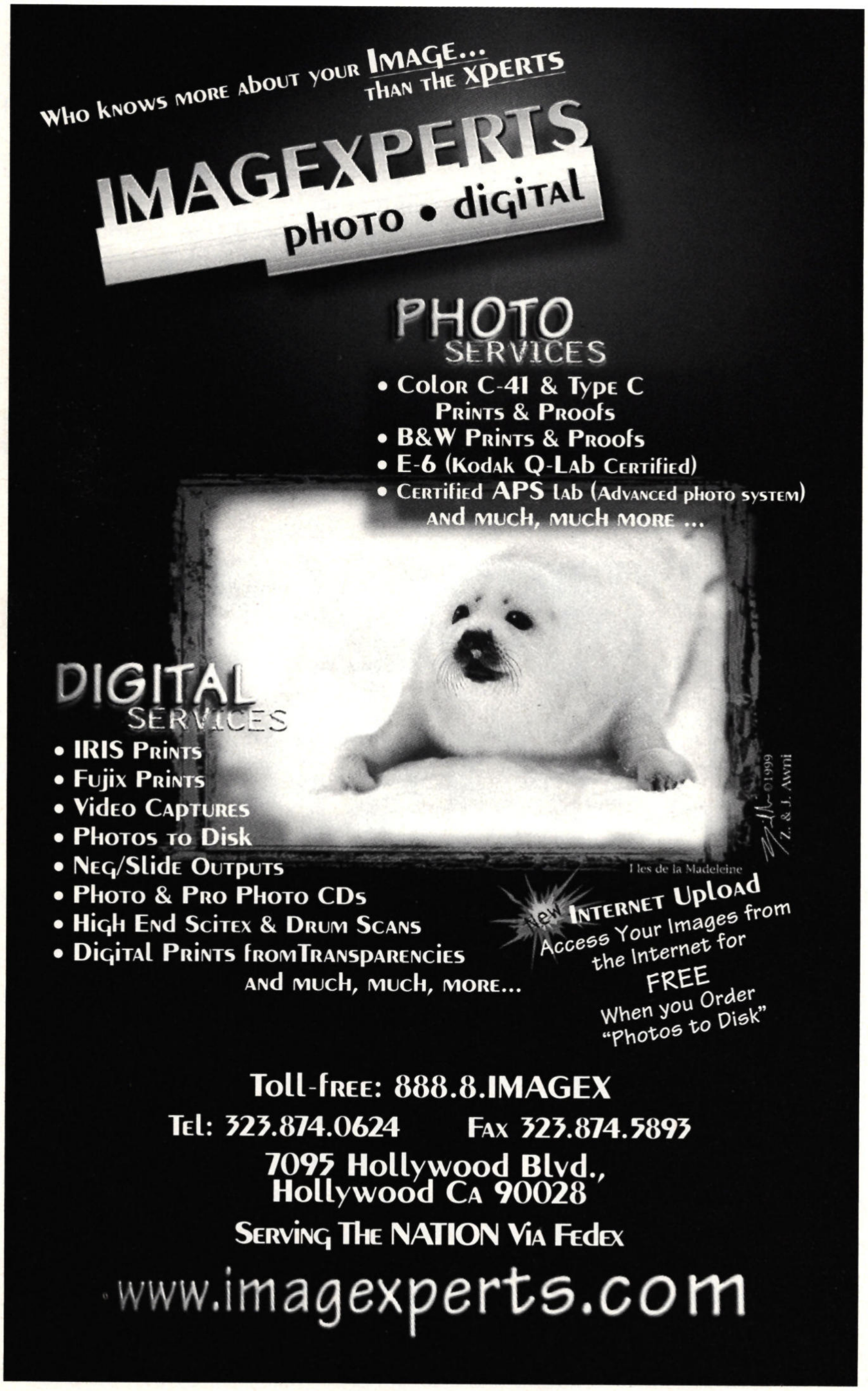
Bill Atkinson is a long-time amateur photographer who retired early from the computer industry to devote full time to creating the finest digitally enlarged photographic prints. Graduate work in neuroscience gave him a deep understanding of human perception before he turned to computer science, and emerged at the head of the elite team that designed the Macintosh operating system to have a highly visual and interactive user interface. He invented the Mac's pull-down windows, wrote much of its software and attached the first mouse onto a commercially available computer.

For years, Bill had used all his considerable talents to produce technology that empowered the creativity of millions of other people. As he turned toward using many of the same tools to empower his own art, he found plenty of imaging hardware on the market, but some major gaps in software. The action scripts he developed to follow a consistent series of options for each image were only the beginning. Until the adjustments he made on his monitor closely matched his finished prints, he believed he wouldn't be able to consistently make prints that technically matched the color and tones of his transparencies or expressively conveyed his intentions.

Creating an Apple ColorSync digital profile was a major step. Bill used an expensive spectrophotometer to obtain numbers representing precise tonality and color from his monitor and output devices to match a similar profile made by EverColor for its LightJet 5000. Even so, some of his early prints lacked the full saturation and shadow detail seen on his monitor. Viewing full-gamut scans on your monitor is a setup to be disappointed by prints that have a different dye set and less shadow detail. He devised a monitor "soft proof" to adjust the full-gamut scan to display the same color and contrast constraints as the final output device and paper.

To anyone who has tried and failed to make their own perfectly synched digital prints, or to have an unsynched lab do it, Bill's advanced techniques are indeed a miracle. When I first saw them in the fall of 1997, I wasn't sure that I was ready to commit the necessary time and money to make it happen for myself. Bill invited me to bring a few of my favorite originals, including those most difficult to print, to his home high over the Silicon Valley.

He escorted me into a basement imaging room powered by a Macin-


Who knows more about your IMAGE... than the XPERTS

IMAGEXPERTS
photo • digital

PHOTO SERVICES
- Color C-41 & Type C Prints & Proofs
- B&W Prints & Proofs
- E-6 (Kodak Q-Lab Certified)
- Certified APS lab (Advanced photo system) and much, much more ...

DIGITAL SERVICES
- IRIS Prints
- Fujix Prints
- Video Captures
- Photos to Disk
- Neg/Slide Outputs
- Photo & Pro Photo CDs
- High End Scitex & Drum Scans
- Digital Prints from Transparencies and much, much, more...

New Internet Upload
Access Your Images from the Internet for FREE
When you Order "Photos to Disk"

Toll-free: 888.8.IMAGEX
Tel: 323.874.0624 Fax 323.874.5893
7095 Hollywood Blvd.,
Hollywood CA 90028
Serving The NATION Via Fedex
www.imagexperts.com

▲ Circle No. 125 on Reader Service Card.

tosh work station that seemed to have enough memory to store the Library of Congress. It took us all day to dismount and clean a dozen of my slides, mount them on the drum of his Heidelberg TANGO scanner, adjust prescans with LinoColor software viewed on a calibrated Radius PressView monitor, scan them at 96 megabytes, clean up and sharpen them in Adobe Photoshop and print them out on either his 20x30 Iris inkjet printer or his Fujix Pictrography printer. It was clear that with the investment of more time and a hard proof or two, I'd have prints that held more precise color and tonality than I had ever imagined possible.

As I drove home, the thought occurred to me to say thanks, but no thanks. To heck with the finest prints—I want to be out there in the wilderness with my sleeping bag and camera instead of in a basement in the dark looking at a computer screen. I was wowed by the process, but it wasn't the life I envisioned when I became a nature photographer. I didn't have the time, the money, the inclination or the expertise to do what Bill was doing, so who was I fooling?

But I needed five 50-inch color murals for a San Francisco show that was opening soon, so on my next date with Bill, we made five Fujix Pictrography proofs that surpassed the best photographic prints I'd ever seen. Bill sent digital files with appropriate sizing and profiling to EverColor Fine Art, which uses the trademarked name Luminage for what then may have been the only LightJet 5000 Fuji Crystal Archive prints with Apple ColorSync profiling. Three days later, Fed Ex delivered those huge prints that knocked my socks off.

Today, a few other companies offer profiled LightJet 5000 digital printing, including Calypso of Santa Clara, Calif., (800) 794-2755. What really convinced me that I had to get on the bandwagon with Bill to make the highest quality digital files of my best work was realizing that they can also be output as low-end inkjet prints, fine-art Iris prints on watercolor paper, transparencies again or separations for printing books and posters.

Since then, we've purchased $12,000 of equipment we felt we needed to do our own image management and hired a consultant, Rich Seiling, also trained by Bill. Rich started his own small company, West Coast Imaging, (559) 641-7338.

The chosen values of fine prints are as important as the chosen subject in a way that merges them into a new way of seeing the world. Photography isn't art until it goes beyond mere representation to communicate emotionally and spiritually. In its highest form, nature photography as art uses imagery to directly communicate emotional response from one mind to another far more quickly, more powerfully and more completely than the written word. The images become something more than they seem to depict, rather than being inferior copies of nature.

My writing was published before my photography, and though I've become better known for my images, I continue to express my feelings about the natural world in both media. Like-

(Cont'd on page 101)

Super Deep Rain Flaps keep water out even in heavy rains.
Model 787 shown with optional Side Pocket, Water Bottle in Carrier and Medium Accessory Pocket from Tamrac's Modular Accessory System M.A.S.
QuickClip™ Tripod attachment System allows most professional tripods to be attached quickly and carried safely, centered and balanced in the front of the pack.
787 Extreme Super Photo Backpack.
707 Half Moon Hip Pack
MBX370 Modular Accessory Belt
MX375 Lens Case
MX398 Water Bottle in Carrier
MX382 Accessory Pocket
MX378 Lens Case
519 Pro Zoom Pak

TAMRAC EXTREME SERIES

Photo Backpacks, Hip Packs and Modular Accessory System

Tamrac's Extreme Series sets a new standard in high performance camera carrying systems. PowerGrid™ materials with extraordinary tear strength, combined with new innovative features make these action oriented camera bags the new "State Of The Art". All are compatible with our new exclusive **Modular Accessory System** allowing you to customize and expand your carrying system.

See these among our more than 70 models to choose from.
Call for Free 60 page Color Catalog.

1-800-662-0717
Dept. OD

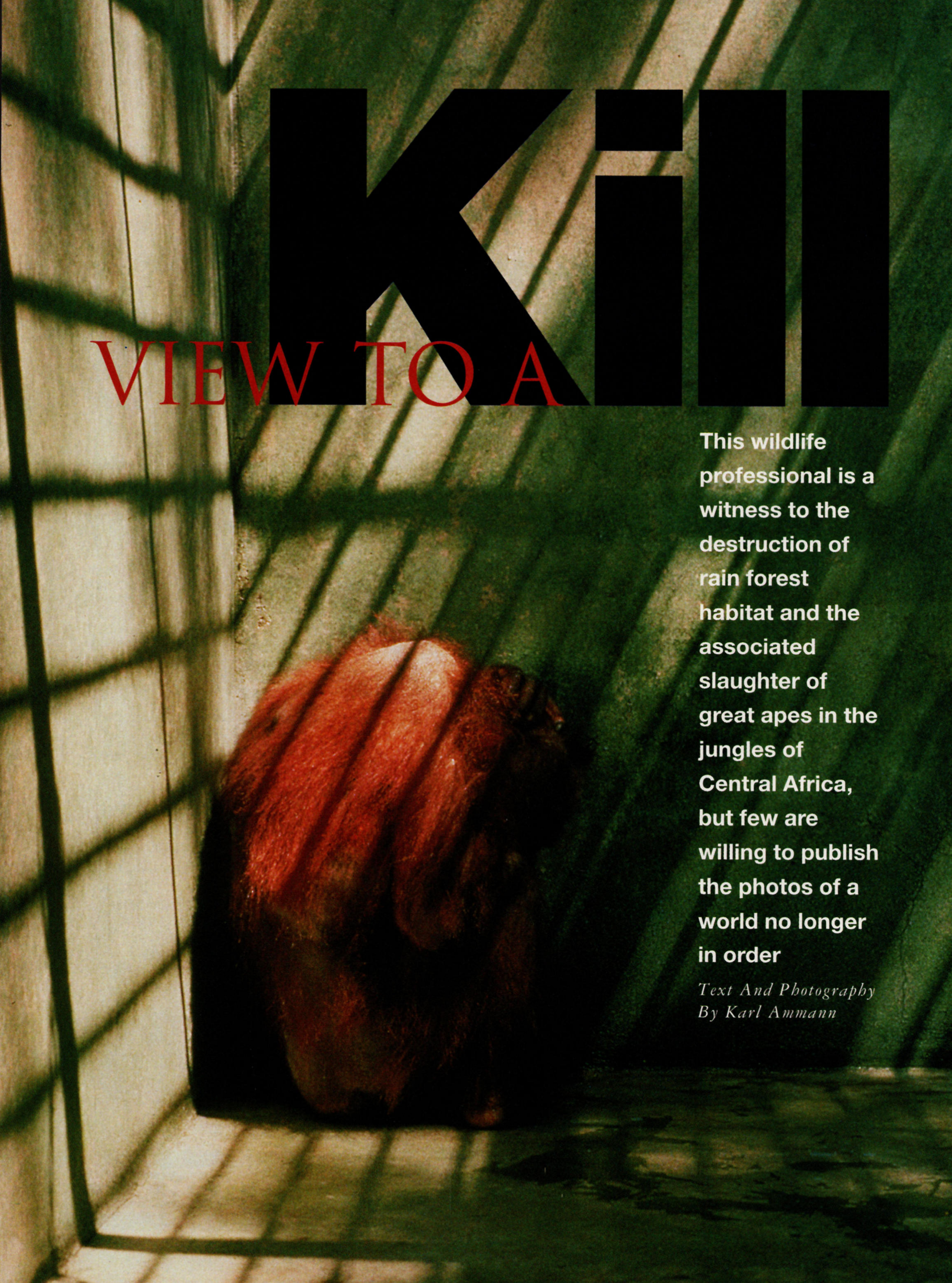
*All MAS accessories sold separately.

©1998 Tamrac,Inc.

Tamrac, Inc., 9240 Jordan Ave.
Chatsworth, CA 91311
www.tamrac.com

tamrac®

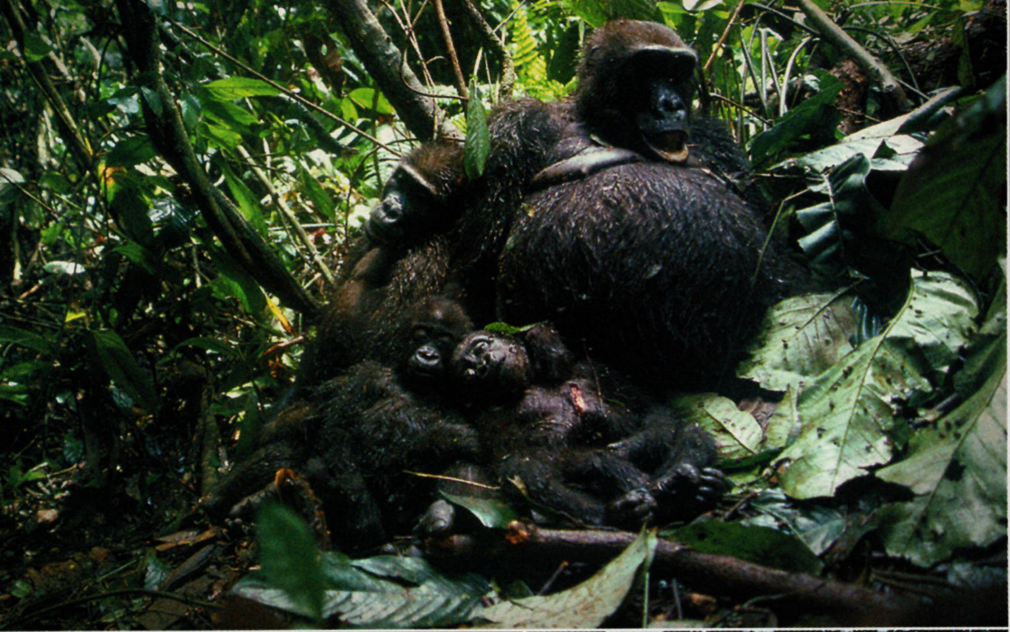
▲ Circle No. 158 on Reader Service Card.



VIEW TO A Kill

This wildlife professional is a witness to the destruction of rain forest habitat and the associated slaughter of great apes in the jungles of Central Africa, but few are willing to publish the photos of a world no longer in order

Text And Photography By Karl Ammann

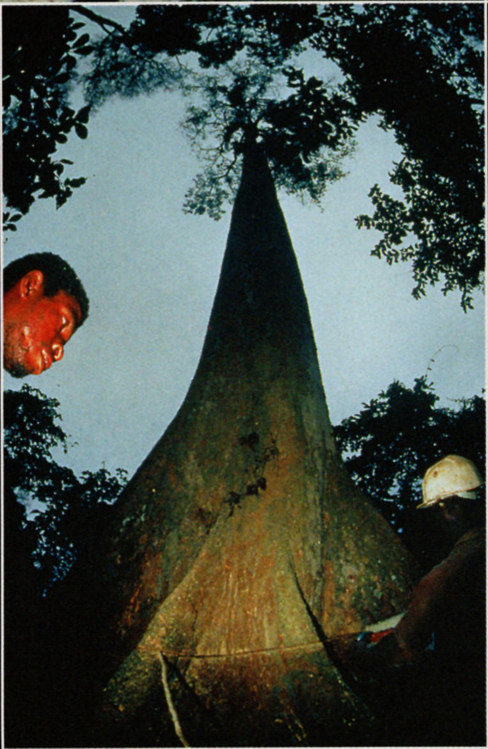


UNWANTED PET: *From Central Africa to Southeast Asia, an outgrowth of poaching and the cutting of rain forest is the trade in orphaned great ape infants. Cute and manageable when they're young, great apes soon grow into formidable adults, much stronger than their owners. This orangutan (opposite page) leads a pathetic life in a cage at Monkey Center outside Taipei, Taiwan. At one time, Taipei had a higher density of orangutans per square kilometer than the jungles of their native Borneo, as so many were smuggled and held illegally in this country. A Hollywood film starring Clint Eastwood and an orangutan generated much demand. BBC Wildlife Photographer of the Year: 1993 "The World In Our Hands" category winner.*

Field notes, Cameroon, August 1998: It's Tuesday today, but I'm not sure of the date. It's the day after the massacre of the five gorillas. We're still in the Pallisco [a French logging outfit] concession, waiting for our vehicle to arrive, and I feel I should go on record [on a little tape recorder] with all the relevant facts while my memory is fresh.

Yesterday morning, we walked from Bordeaux to Joseph's old camp. Joseph told me that the girl who joined us from the main road (and was also the daughter of the village chief) mentioned that her brother had shot a gorilla the day before and it was being smoked in the camp. When we got there, we met Desiree, the hunter who confirmed to us that he had shot a silverback as reported. He fetched a skull from a nearby roof where it had been put to dry....

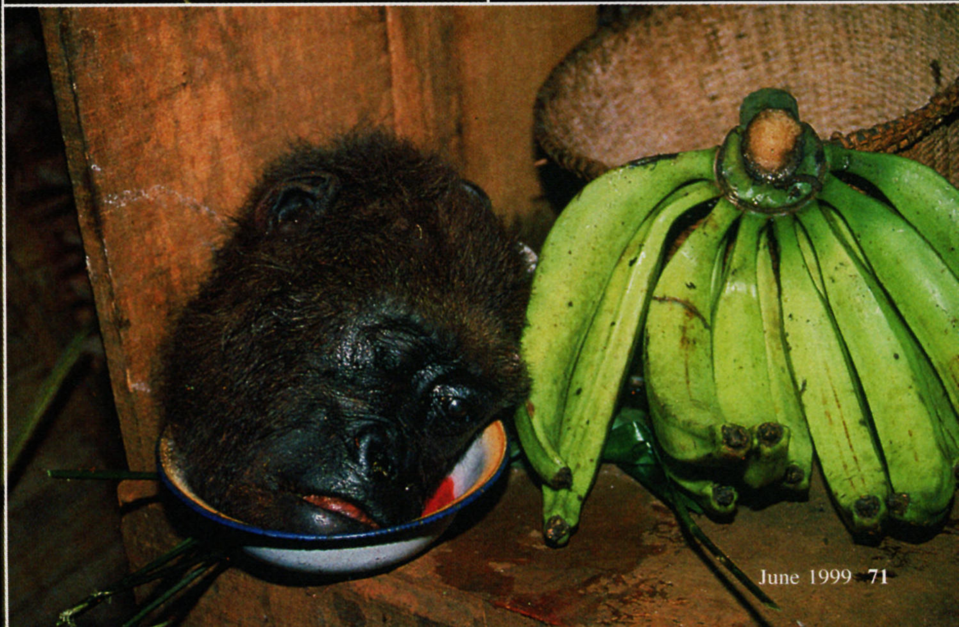
It rained in the night and our hut leaked. In the morning, it was still pouring, pretty unpleasant. Outside, we settled down with some of the villagers under a shelter where they had a fire going. The chief explained to us how upset he was with the amount of commercial hunting going on in his area. He showed us the letter that he had prepared for some high official, which stated that if hunting continued at this rate, he didn't expect that there would be much wildlife left in two years' time. With that, his wife served his meal, which consisted of cooked bananas and quite a bit of gorilla meat....



DEATH IN THE FAMILY: *This lifeless female (above left) and three infants represent only part of the casualties of a shooting spree that ravaged a gorilla family as described in the author's text.*

WITNESS TO HIS FUTURE: *A pygmy villager (left) in southeast Cameroon looks on as a hardwood tree is felled by a worker from a Lebanese logging company. Short term, the logging concessions bring jobs and fuel a lucrative bushmeat trade. Longer term, the loss of forestlands and livelihood will be devastating. BBC Wildlife Photographer of the Year: 1996 "The World In Our Hands" category winner.*

HEAD ON A PLATE: *The police chief of a town in Cameroon sent a hunter a gun with the request that he kill a gorilla for the policeman. The hunter was allowed to keep the trophy head (below) and an arm for his own pot. BBC Wildlife Photographer of the Year: 1995 "The World In Our Hands" category wnner.*



***REACHING OUT:* This chimp in a Cameroon zoo survived only by the food he begged from visitors and ultimately died, as did other older chimps. Local authorities declined requests from an animal welfare group to find suitable homes for the animals. BBC Wildlife Photographer of the Year: "The World In Our Hands" category winner.**

We gave our presents of T-shirts and shoes to the villagers, then started walking down the road toward the new logging concession area of SABE, administered and exploited by Pallisco. After about two or three miles, we came to a village where Joseph wanted to say hello to some acquaintances. There, Desiree came walking down the track, gun over his shoulder and a guenon hanging on the barrel. (This was his double-barreled shotgun, which he told us he rented from a watchman at the Pallisco concession.) Seeing him with only the one monkey, I was relieved and joked: "A very big hunter with a very small carcass!" However, he countered by telling me that he had also killed three female gorillas. The night before, another hunter had previously gone out night hunting and came across a gorilla family nesting down. He came back late that night to tell Desiree and they headed out at 4 a.m. I suggested that he might want to show us the killing area, but he said he was too tired and too wet. I offered him a dry shirt. That did the trick and he agreed....

As we walked, I asked how he had killed the three females and why not the male, who surely must have charged. He explained that his colleague, who had brought him the news of the gorillas nesting down, had shot at the male when they returned the next morning, but he seemed to have missed and the male fled. The females were chased into the trees by Desiree's dog, so Desiree could concentrate on reloading and shooting three females from their perches. There was no way he could tell what he'd hit and he confirmed that he had indeed killed one baby along with its mother, which would total four dead gorillas....

We reached the place in the forest where it all happened. A cartridge was lying on the ground in front of us, and he pointed out exactly where the male had appeared. We walked 10 steps and saw the first female sitting there. The baby was laying three feet away. I asked the tracker to put the gorilla baby near the mother and tell me how he shot her out of the tree. We walked another 10 meters, and there were another two females and baby that he hadn't told us about. He agreed that he had forgotten about it and that

HOW TO HELP

The following are three examples of organizations to contact for more information and ways to take action.

World Society For The Protection Of Animals (WSPA)
2 Langley Lane, London SW8 1TJ
(44) 171-793-0540
Fax: (44) 171-793-0208
www.wspa.org.uk

Conservation International
2501 M Street, NW, Ste. 200
Washington, DC 20037
Toll-Free: (800) 429-5660
(202) 429-5660; Fax: (202) 887-0193
www.conservation.org

Rain Forest Action Network
221 Pine St., #500
San Francisco, CA 94104
(415) 398-4404
Fax: (415) 398-2732
www.ran.org

indeed he had killed five gorillas. At this stage, I felt pretty upset, but I had to switch to the documenting mode. I was determined to take as much film as possible and then get the hell out of there. I was concerned that once the villagers arrived to carry out the meat, somebody would start wondering why I took all the pictures and video, and then it might occur to Desiree that it wasn't in his interest to have me hanging around....

I asked Desiree and the porter to put all the gorillas together. He wanted to start the butchering, so I had to convince him that I wanted to get some photographs first. We put the carcasses together, and I started taking stills and video. It's already kind of a blur what happened at this stage. I don't remember what I actually photographed with the Nikon or filmed with the Sony or when I used an external microphone. Desiree then started dragging one female to the side and asked one of our porters to help cut her up. They cut open the rib cage and got the intestines out, which I remember shooting extensively. That was the virus transmission shot I had hoped to get at some stage [in reference to a story concerning the method in which the HIV virus is first transmitted from apes to humans]. It was dark in the forest, so I wasn't sure if I could shoot without flash. I used various films and exposures....

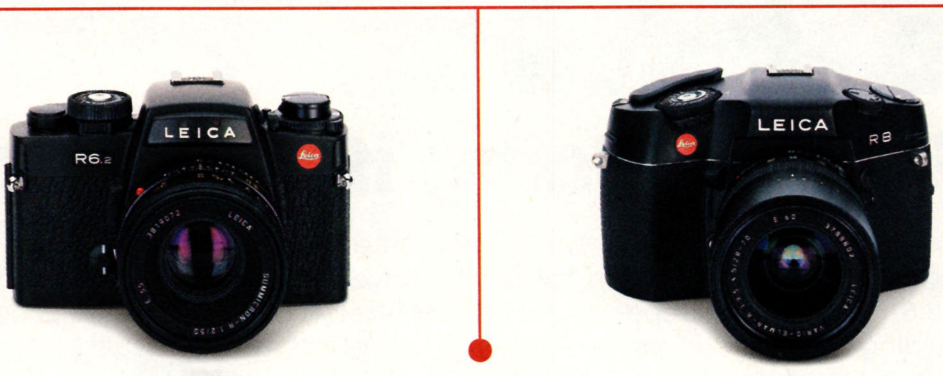
When we decided to leave, Desiree expressed his desire to stop gorilla hunting, since it wasn't what he wanted to do in life. I pointed out that even if we found another way of life for him, within a few weeks, there would be another hunter in the same forest hunting the remaining four gorillas in the group. (It had consisted of nine animals, and the silverback was most likely bleeding to death somewhere at that very moment.)

• • •

Many of the photographers contributing to this publication are professionals who make a living from nature. Most successful careers in nature photography are associated with sound marketing know-how and files deep with images of nature at its most beautiful, the way we all like to envision it. But you can't follow a career in nature photography without occasionally witnessing and photographing situations that show a world no longer in order. Those are the images that take a back seat when it comes to sales performance, if they ever see the light of day at all.

Of course, it's the buyer who determines the market. I've spoken to magazine editors who showed me a whole file of complaint letters after running a story on a bear banquet, organized in Thailand for Japanese tourists. Likewise, TV program buyers at natural history-oriented stations inform me that their viewers tune in to be entertained, not disturbed. A prominent conservation organization, to which I offered a bushmeat (meat from wild animals shot or trapped for consumption or sale) exposé for its in-house publication, wrote back: "The chief drawback, of course, was our firm conviction that publishing your article with your compelling photographs would have wide repercussions that certainly would adversely impact our

TAKE A PICTURE IN 1/1000 OF A SECOND. GET A REBATE EVEN FASTER.



$400 REBATE ON THE R8 OR R6.2 BODY, $200 REBATE ON SELECTED LENSES, THROUGH JULY 31

Instantly receive $400 off a new USA warranted R8 or R6.2 camera and $200 off the 28-70mm f/3.5-4.5 zoom lens or the 50mm f/2 R-lens at the time of purchase. (In Canada, Canadian warranted cameras and lenses from Canadian authorized dealers)

Leica LEICA

For further information call or write Leica Camera Inc., Northvale, NJ 07647.1-800-222-0118 www.leica-camera.com
In Canada: 361 Steelcase Rd. West, Unit #3, Markham, Ontario L3R 3V8. 905-940-9262 www.leica.kindermann.com

▲ Circle No. 242 on Reader Service Card.

scientists in Africa. An essential and exhaustive part of their job is to maintain good relations with the governments and indigenous people so that the Society's conservation projects will be permitted to continue."

The common arguments are: 1) Illustrating the beauty of our world will encourage the public to want to preserve it and, therefore, every "world in order" image holds an intrinsic conservation message; and 2) Excessive negative publicity could cause governments to react by deporting the few scientists and environmentalists at work in their countries. Both rationalizations should be questioned in the light of what's happening in this part of the world at feverish pace.

I've lived in Africa for more than 20 years and have twice held Africa-wide positions for a large, international hotel management company. Twelve years ago, I started seriously looking at wildlife photography as a new career option. Today, while still working as a consultant to the tourist industry, most of my time is spent on photography. Taking pictures, in turn, led me to conservation. For the last eight years, I've been sporadically researching the commercialization of the bushmeat trade, visiting various Central African countries on a regular basis. I started visiting the Congo in the early '90s, mainly to document the operations of the three great ape sanctuaries. There, bushmeat from a wide variety of species was available for sale in all the major markets, irrespective of it being closed or open hunting season.

The Reserve de la Chasse de la Lefini is the largest protected reserve in the Congo. I walked for hours in the savanna and forest without seeing any trace of wildlife. The local trackers informed me that there were two hippos left. The last chimpanzees and gorillas had been shot in the 1960s. In this region, it wasn't a question of population pressure or habitat loss, but rather market hunting for the capital of Brazzaville, some two or three hours away. It was easy to guess what supply and demand would do to wildlife, even to the more remote parks and reserves.

Ndoki Park is still a relatively untouched ecosystem, which is exposed to a number of threats. But these threats are generally mentioned only as a sideline to the usual "Last Paradise" story theme. What's not usually mentioned is the fact that it's possible to find gorilla carcasses openly on display in the gateway city some 60 kilometers away. Elephant steak is an expensive delicacy in the most high-end supermarkets, despite the fact that local laws don't provide for any kind of legal elephant hunting. (Two years ago, an elephant graveyard of some 280 animals was found.) This is clearly a question of supply and demand: the supply of great ape meat and that of other species to satisfy the taste buds of a growing urban middle class willing to pay a premium for a product that's regularly priced twice as high as beef and pork. Increasing demand and decreasing supply will inevitably result in prices going up, a process that will escalate until there's no more supply.

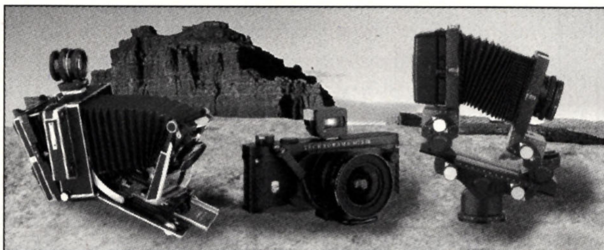
This process of destruction is amplified by the role of lumbering interests that exacerbate the problem on sev-

Linhof keeps doing its best to help

Linhof's cameras give you the ready-to-go rugged features you want for shooting outdoors: precision German-engineered performance in compact, convenient packages. Our **Technikardan 45S** closes to a mere 8.5"x10"x4", yet extends to 19". The **Master Technika and MT 2000** - the World's benchmark 4x5 folding cameras - measure only 7"x7"x4.5" closed. The MT 2000 offers a wide-angle focusing track for lenses to 35mm!

The **Linhof Technorama 617SIII** captures breathtaking, distortion-free panoramic images with a lens 20% wider than the nearest competitor. 72, 90 & 180mm lenses available.

The **Linhof M679** modular camera ***gives your medium-format large-format capabilities.*** Just add



Linhof MT 2000 • Linhof Technorama 617SIII • Linhof M679

eral fronts: by increasing access into virgin forest with the building of lumbering roads; by encouraging or tolerating the bushmeat trade as a means of feeding their workers and providing them with an additional source of income as they cater to hunters; and by cutting down the very forests that provide protective habitat.

My question to nature photographers and filmmakers is this: What obligations do we have? What do we owe the creatures and places that we so enjoy and that allow us to live our charmed lives? Must we dig deeper on our assignments to look beyond what the editors want us to bring back? Must we lose some sales and maybe not get invited back to some countries?

I recently published a photographic essay book on the three sub-species of gorillas. I insisted on ending it with a chapter on the bushmeat issue. The publishers almost canceled the contract and the book had very few co-editions, to which the publishers hold responsible my insistence on the bushmeat chapter. Was it worth it? In my case, yes. An upcoming book on orangutans with Dr. Birute Galdikas involved a similar dilemma. I documented illegal logging, gold mining and poaching in Tanjung Puting National Park. I photographed the clear-cutting of a million hectares of prime orangutan habitat using $150 million from a Reforestation Fund to do so. I insisted that it become part of the book, and the publishers agreed.

The ivory crisis, whale hunting and seal clubbing became a major focus of our collective public concern. What will it take to turn the large-scale slaughter of chimpanzees, gorillas and elephants into a similarly emotional campaign? Once our politicians, and those in the countries concerned, accept that it's in everybody's long-term interest to elevate the environment to the level of human rights as a criteria for financial assistance, maybe then we'll start making some progress. The unsustainable utilization of wildlife and other resources (such as forests) will sooner, rather than later, result in shortages and famine. In turn, that will lead to migration, social unrest, war, starving children on TV screens in the West and then to millions of dollars being spent so we feel better.

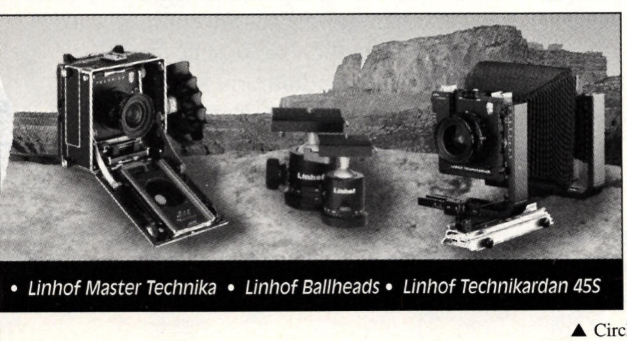
The media has a major role to play to get this message across. Professional photographers live off nature and sales to the media. Therefore, they have an obligation to confront editors with the realities on the ground, to convince them to go out on a limb and test the waters. It would be interesting to hear how *Outdoor Photographer* readers feel about this issue.

This feature is illustrated by four images of mine that won "The World In Our Hands" category in the BBC Wildlife Photographer of the Year competition for four years in a row. At no time has an image in this category won the top prize and probably never will. At least the BBC Wildlife has such a category. We need more "The World In Our Hands" forums because the public needs to know more about what's wrong in the world. If they're not confronted with the problems and not given the option to voice their concern, there's little hope that issues like bushmeat or habitat destruction in Kalimantan, Indonesia (Borneo), will be addressed. **OP**

large-format users get out more.

an adapter for your digital or film back and presto! Fully geared and calibrated focus, rail extensions, tilts and swings are yours. And for ultra-steady, ultra-smooth support of these cameras, rely on **Linhof ballheads**. The name Linhof guarantees* you're getting the best designed, best manufactured cameras in the world. See an authorized dealer today, and get out more with the equipment you can't wait to get out with.

*5 year warranty on all Linhof products.



• Linhof Master Technika • Linhof Ballheads • Linhof Technikardan 45S

Linhof
When your decision is precision.

HP Marketing Corp.
16 Chapin Rd. Pine Brook, NJ 07058 973/808-9010
In Canada: Daymen Mktg. Ltd. Scarborough, Ontario M1V2J 9

STRONGER DOLLAR, WEAKER MARK
= LOWEST PRICES IN YEARS

▲ Circle No. 210 on Reader Service Card.

Dynamic LENS Duo

A pair of new 70-300mm lenses from Sigma have a broad range and give impressive results

Text And Photography By Graeme Fordyce

70-300mm
DL MACRO SUPER
70-300mm
APO MACRO SUPER

There are times when I'm out on the trail photographing with so much equipment strapped to my back that I feel like I should be pulling bells in Notre Dame. That's not the best frame of mind to be in when concentrating on composition and enjoying nature, so it can be a tremendous relief to set foot in the outdoors with a single hip pack. That's the idea behind the two new compact and lightweight telephoto zooms from Sigma, the AF 70-300mm *f*/4-5.6 DL and AF 70-300mm *f*/4-5.6 APO Macro Supers. Just think: instead of lugging around photographic tonnage, you can be free to plow vigorously through the forest, scramble up embankments for that perfect angle or grapple on rocks to get an adventurer's shot.

Because they cover such a wide zoom range, I felt confident to set out with the Sigmas as the only lenses in my camera case. (It can be a weight off one's mind not to pack everything, and carrying only one lens can force one to seek images in a different way, instead of seeking photographic solutions from within the gadget bag.) I could shoot normal lens views of the Northern California coast, or zoom in to long telephoto for details of the rocky beaches, shots of the local bird population and close-up plants and flowers.

The Sigma zooms are excellent choices for beginning through advanced photographers. On the outside, the only visible difference is the gold band and writing on the APO model; everything else is identical, from the macro switch to the 58mm filter size. On the inside, however, the salient difference is that the APO model is apochromatic, which means that its glass is corrected for color aberrations that can occur most noticeably at the edges of the frame at the super telephoto range. The APO lens is more expensive, but the higher-quality glass will sate the perfectionist appetite, as opposed to the photographer whose principal concern is simply to get the shot.

The versatility of being able to hit any focal length from 70mm to 300mm in an instant was quite a luxury when scoping out creative shots through the viewfinder. I tried composing some images at 300mm, compressing the depth of focus, then twisted the barrel to find the ideal wider-angle framing choice that would include the rocks and ocean, but cut out the people and cars on the oceanfront street. The Sigmas' zoom range let me find the perfect focal length no matter where I set up. One moment, I was trying to render the sense of the beach's vast expanse, and a second later, without changing lenses, I was able to photograph at 300mm a willet that came in for a landing nearby.

But these lenses had another boon that you don't normally get with telephoto zooms—each comes with a macro function that can give you 1:2 magnification. Set the zoom ring on either lens to 300mm, click the macro switch, and it can automatically focus from infinity to macro range. Having a macro function really opens up another world as you begin to see how much there is to photograph when you point your lens at minutia. I took the Sigma zooms to the tide pool's microcosm of starfish and sea anemones. After that, the individual blossoms in the ice plant nearby became subjects themselves; then, the flowers growing in the fields on the way back to my car caught my eye. Lenses like these simply give you more options for shooting.

Overall, both Sigma zooms performed very well; there was hardly any noticeable difference between slides shot with either lens. The 5.6 aperture makes a tripod a good idea for shooting in muted light. The images shot with the AF 70-300mm *f*/4-5.6 DL were sharp throughout the frame, and the colors were crisp and bright. The results with the APO lens were excellent—even at telephoto range, the colors were beautifully defined. And with either lens set on macro, get ready for some seriously high-quality close-ups!

Both Sigma zooms are compact and lightweight at 2.9x4.7-inches and 20.6 ounces. The minimum focusing distance is 37.4 inches. Retail list prices: DL Macro Super—$382 (with hood); APO Macro Super—$555 (with hood and case).

For more information, **contact:** Sigma Corp. of America, (516) 585-1144, www.sigmaphoto.com. OP

LEFT: Explore new photographic horizons with these lightweight, big-range zooms from Sigma. The 70mm to 300mm range provides an approach to subjects far and near and a variety of compositional possibilities. TOP AND ABOVE: Push Sigma's macro capabilities to the extreme to capture the diminutive details of nature for photographs that move beyond the obvious or pull back slightly for portraits with crisp distinction.

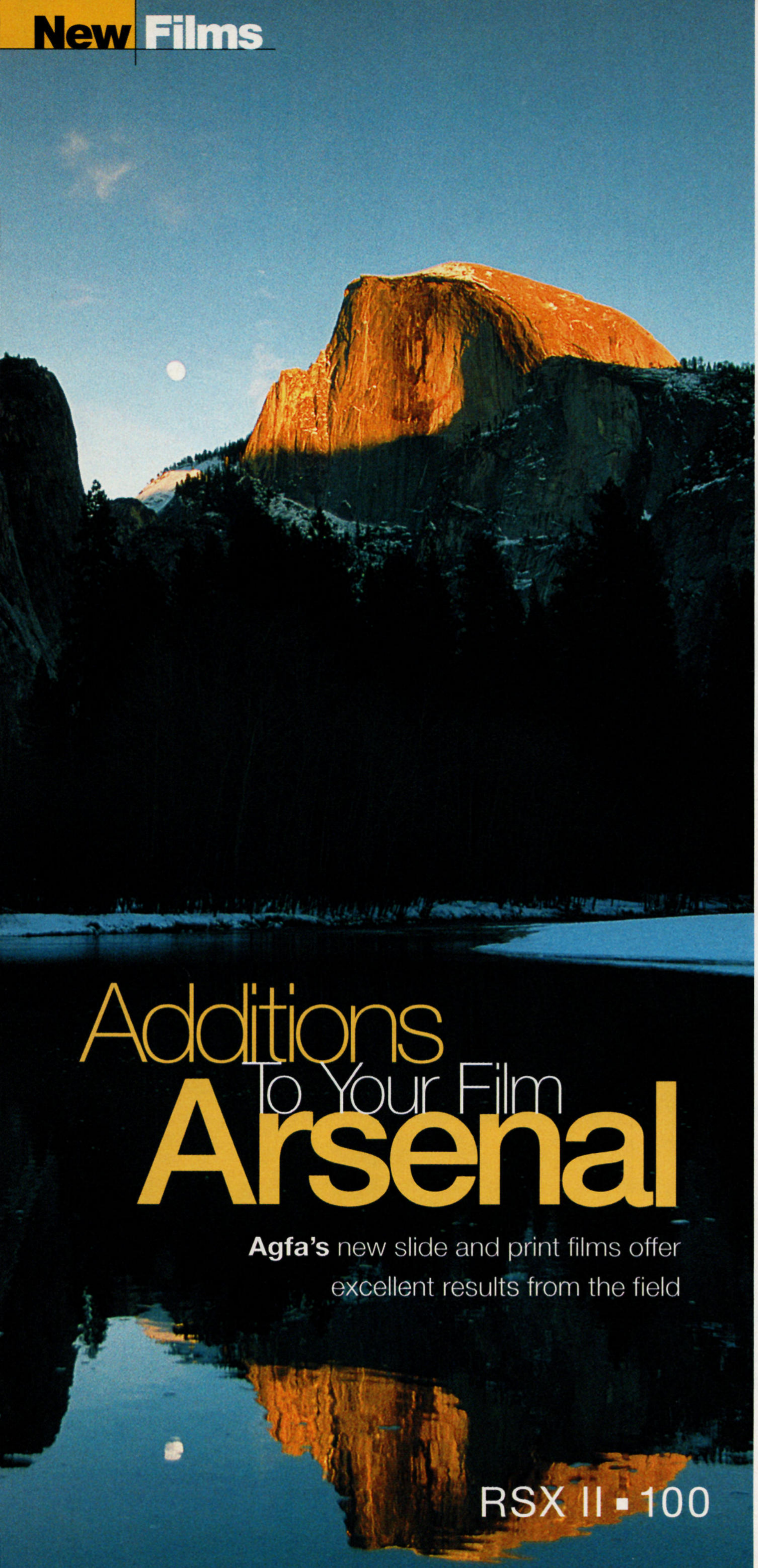
TIDE: Canon Elan IIE, Sigma 70-300mm APO Macro, Ektachrome 100SW, Manfrotto tripod; ANEMONE: Canon Elan IIE, Sigma 70-300mm APO Macro, Ektachrome 100SW, Manfrotto tripod; FLOWER: Canon Elan IIE, Sigma 70-300mm DL Macro, Ektachrome 100SW, Manfrotto tripod

William Sawalich

Additions To Your Film Arsenal

Agfa's new slide and print films offer excellent results from the field

Text And Photography
By David Welling



RSX II • 100

It's a great time to be a nature photographer. New films are continuously entering the market, offering photographers more options to capture scenes in different ways. Today's transparency films provide finer grain at higher speeds and more saturated colors, while new print films provide a variety of beautiful color palettes, extremely fine grain and faster speeds. Recently, I field-tested several of Agfa's new films and, after viewing the results, found them to be excellent additions to the nature photographer's arsenal.

Agfa's new professional transparency films, the RSX II series, come in ISO ratings of 50, 100 and 200. These daylight-balanced films offer improved color saturation, contrast range and pushing characteristics. RSX II 50, Agfa's latest offering in the slower-speed, landscape category, has a granularity of 10. I took several rolls to Yosemite for winter landscape photography and was quite pleased with the results.

Daylight images of Yosemite Falls had vibrant, clean whites, a beautiful rainbow and wonderful, muted earth tones—very representative of the scene's actual colors. A 30-min. exposure of the falls, lit by a full moon, showed minimal color shift (unusual for most color slide films). A full moon rising over Half Dome in late afternoon required a graduated neutral-density filter to bring the exposure reading of the brightly lit face of Half Dome closer to that of the shaded Merced River. Although the adjusted *f*-stop range was still over three stops, the film recorded good detail in a dark band of trees and rendered the snow along the Merced white, the reflection of Half Dome accurately and the dark area a rich black.

RSX II 100 is one stop faster and also has a granularity of 10. This film proved very effective in capturing handheld wildlife portraits at a local rescue facility. Images of a cockatoo showed excellent feather detail and true white color, while those of a scarlet macaw captured beautiful soft reds and blues. Photographs of an African lion captured its true, tawny colors and showed very good fur detail. A black phoebe was a partic-

OPTIMA II ■ 400

OPTIMA II ■ 400

ularly good test subject. The Agfa RSX II 100 accurately recorded the bird's black and white coloration, while the feather detail in both colors was excellent. When viewed with a 6X aspheric loupe, the sharpness of both films was outstanding.

Agfa's new print films, the Optima II series, come in ISO ratings of 100, 200 and 400. These print films utilize Agfa's new processing technology, which allows thinner layers on the film and provides sharper images. They also include refinements that improve color rendition and storage life.

Agfa Optima II 100 has a granularity of 4. My field tests of wildlife subjects at the rescue facility resulted in images that were incredibly sharp, with good color rendition. Images of an injured golden eagle really showed off the golden shading of the head feathers, while images of a Siberian tiger had great detail in the fur and accurately recorded the pale tan color of its coat.

Finding the best materials for your photographic style takes a lot of personal experimentation. Some of Agfa's newest additions to the fray are the RSX II slide film and Optima II 200 and 400 print films. You can get an idea of the broad capabilities of the new emulsions on these pages.

ALL: Nikon F5, Gitzo tripod, Arca-Swiss Studioball; HALF DOME: Nikkor 24-50mm; OTHERS: Nikkor 75-300mm

AGFA
Agfa
RSX II
100
PROFESSIONAL 135 36

Features And Benefits

- Intense color saturation makes Agfa RSX II 100 an excellent slide film for photographers who want vivid, eye-catching color.
- RSX II features the latest Agfa emulsion technology for extremely fine grain, allowing maximum possibilities for making prints from your slides.
- Improved sharpness translates to crisper, more detailed images and refined image clarity.
- Agfa RSX II 100 is pushable one full stop or more for better exposure latitude under a variety of lighting conditions.

OPTIMA II ▪ 200

AGFA
Agfa
OPTIMA II
Prestige
PROFESSIONAL
135 24
200

Features And Benefits

- ▶ Natural color saturation so your images look their best without the colors appearing overdone or otherworldly.
- ▶ Both the Optima II 200 and 400 exhibit sharpness that was once confined to slower speed films.
- ▶ Very fine grain structure ensures that you can make big enlargements without distracting grain.
- ▶ The emulsions respond very well to mixed lighting situations including flash, so you have broad versatility.
- ▶ Fast ISO 200 and 400 emulsions let you use less expensive, slower lenses without sacrificing action stopping or image quality.

Applying this film to landscape subjects proved equally rewarding. A backlit palm frond glowed against a dark background, and the tonal range of the print film recorded a wide range of detail. The film also beautifully recorded the soft pinks of flower buds against the green leaves of the plant.

Agfa Optima II 200 is very similar to its ISO 100 sibling, except for a slightly higher granularity rating of 4.5. Unless price is a major concern (the ISO 200 speed film is more expensive), I'd give strong consideration to using the ISO 200 speed film in most situations to utilize the benefits of faster speed.

The extra speed helped capture sharp images of yawning lions and a spotted leopard as it dropped into a crouch. The color was right on and the fur detail was quite good. I also tried some landscape subjects, and the Optima II 200 did a great job of rendering the beautiful red color of a sprig of berries and the soft, pale green of an agave leaf.

Agfa's highest speed print film in the series, Optima II 400, has a granularity of 4.5, and I really liked the results with wildlife subjects. A red fox has a very beautiful, soft, reddish-tan coat, and the Optima II 400, with a little fill-flash, made the fox look wonderful. The fur stood out in fine detail, and the soft color really came through. I had similar results with a barn owl—the feather detail was striking. A mallard drake in a small pond also photographed well. The green of the head feathers was subtle but present, yet the eye wasn't lost.

Choosing a film to record your photographic experiences is very personal and subjective. Once you have an idea of a film's basic performance characteristics (such as from a report like this), test it in the field on subjects you typically photograph. Looking at the results on a light table or critically reviewing prints are the ways in which you'll ultimately determine a film's usefulness for you. If my test results stir your interest in using these films, by all means, try them. But really test them—under conditions particular to your needs—and learn their nuances. Only then can their full benefits be realized.

Contact: Agfa, (201) 440-2500, www.agfa.com. **OP**

ORDER TOLL FREE • USA / CANADA
800-223-2500
ORDERS & INFORMATION
212-741-0052
FAX # 212-463-7223
E-Mail adorama@aol.com

42 West 18th Street
New York, NY 10011

ADORAMA Inc.

The Source for Photo Accessories

WWW.ADORAMACAMERA.COM

MAIL ORDER HOURS
MON–THURS. 9 TILL 9:30 PM EST
FRI. 9-1:30 • SUNDAY 9:30–6
STORE HOURS: MON.–THRS. 9–7pm
FRI to 1:30 • SUN 9:30–5:45 • 212-675-6789
■ **CUSTOMER RELATIONS** ■
212-741-0466
800-815-0702
Mon–Thur. 9:00–4:30, Sun. 11-2 EST

CUSTOMER COMMITMENT 1996 BETTER BUSINESS BUREAU NEW YORK CITY

Pro Optic 8X Professional Quality Loupe

- 8X, Professional Titanium color.
- 4 glass elements in 3 groups
- Fully coated
- Adjustable diopter
- 1 Transparent hood and 1 Opaque hood
- High quality optics
- 20mm High Eye Point
- **With Neck Strap and Pouch**

(PRO8X)

$89.95

Pro Optic PANORAMA Lens Auxiliary Fish-Eye Lens

Full circular fisheye
effect on a 28mm l
Ideal for 35mm len
Video Camcorders.

Available in filter sizes from 46mm to 62mm Please specify *(LNFE__)*

$49.95

$29.95

Adorama Spyscope for Camcorders

Special mirrored angle scope allows you to take videos while pointing away from your subject. Fits 37mm filter size *(VDMS)*

Pro Optic 5X Professional Quality Loupe

- 5X, Professional Titanium color.
- 3 glass elements in 3 groups
- Fully coated
- Adjustable diopter
- 1 Transparent hood and 1 Opaque hood
- High quality optics
- **With Neck Strap and Pouch**

(PRO5X)

$79.95

Pro Optic Zoom Slide Duplicator

1:1 Slide Duplicator requires no focusing. Has a zoom-in feature for cropping (up to 2:1 magnification) requires "T" mount adapter to mount to your camera *(CESDZ)*

$89.95

Macro Focusing Rail Set

- *Where critical focusing is desired*
- *A must for macro photography*

Metal parts.
Moves in 4 directions
Fine focusing knob for precision accuracy.
Engraved scale *(MCFRS)*

$139.95

Adorama Macro-Flecta Reflector

For bouncing fill-in light with macro and close-up work. Silver reflector fits on lenses up to 77mm dia. collapses to 4" and is 12" when open *(LTMF)*

$14.95

Adorama Film Stor Box

Holds 6 rolls of 35mm or 4 rolls of 120mm film Contour shape fits easily in pocket. Includes film I.D. labels Bright yellow. 4"x3½x1¼ *(ZZFSB)* $4.50

Adorama L.E.D. Safelight

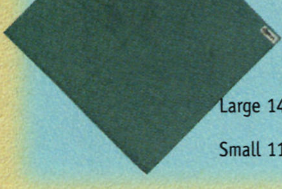
Only 3" long, this **OC** safelight for B&W printing, puts out a lot of light, rated at .8 lux at 30" with a life of at least 10,000 hours. *(DKSLA)* $49.95

One of the brightest safelights I have yet encountered...Perfectly safe-
Bob Shell / Shutterbug Nov '97

Adorama Film Guard X-Ray Protection

Lead Lined flexible, reusable, film pouch made of Cordura material. Top flap closes securely with velcro- type material 9"x11" *(ZZXFG)* $32.95

MiCRODEAR



Micro Fiber Cleaning Cloth

The Best Optical Cleaning Cloth Available

Available Colors: Green, Blue, Pink or Beige

Large 14½"x17¾ *(CPCML)* $16.95
Small 11"x11¾ *(CPCMS)* $11.95

for 35mm (Gray) *(ZZXFSB)*
for APS (Yellow) *(ZZXFSBA)*
$9.95

Adorama X-Ray Film-Safe Box

Lead Lined sturdy little container - holds 4 rolls of film. The hinged lid locks tight protecting against dust or rain.

Kodak
PRO Products Network
Fresh
FOR USA

It's Payback Time

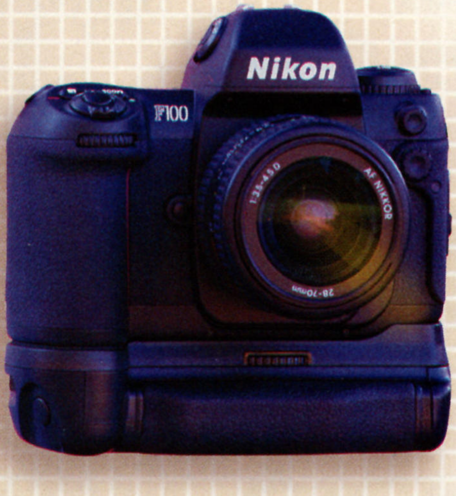
Get up to a $9^{00} KODAK Rebate Voucher Each time you purchase any of the following items:
5-35mm, 10-120mm (2 - Pro Packs)
1-ProPack 220mm

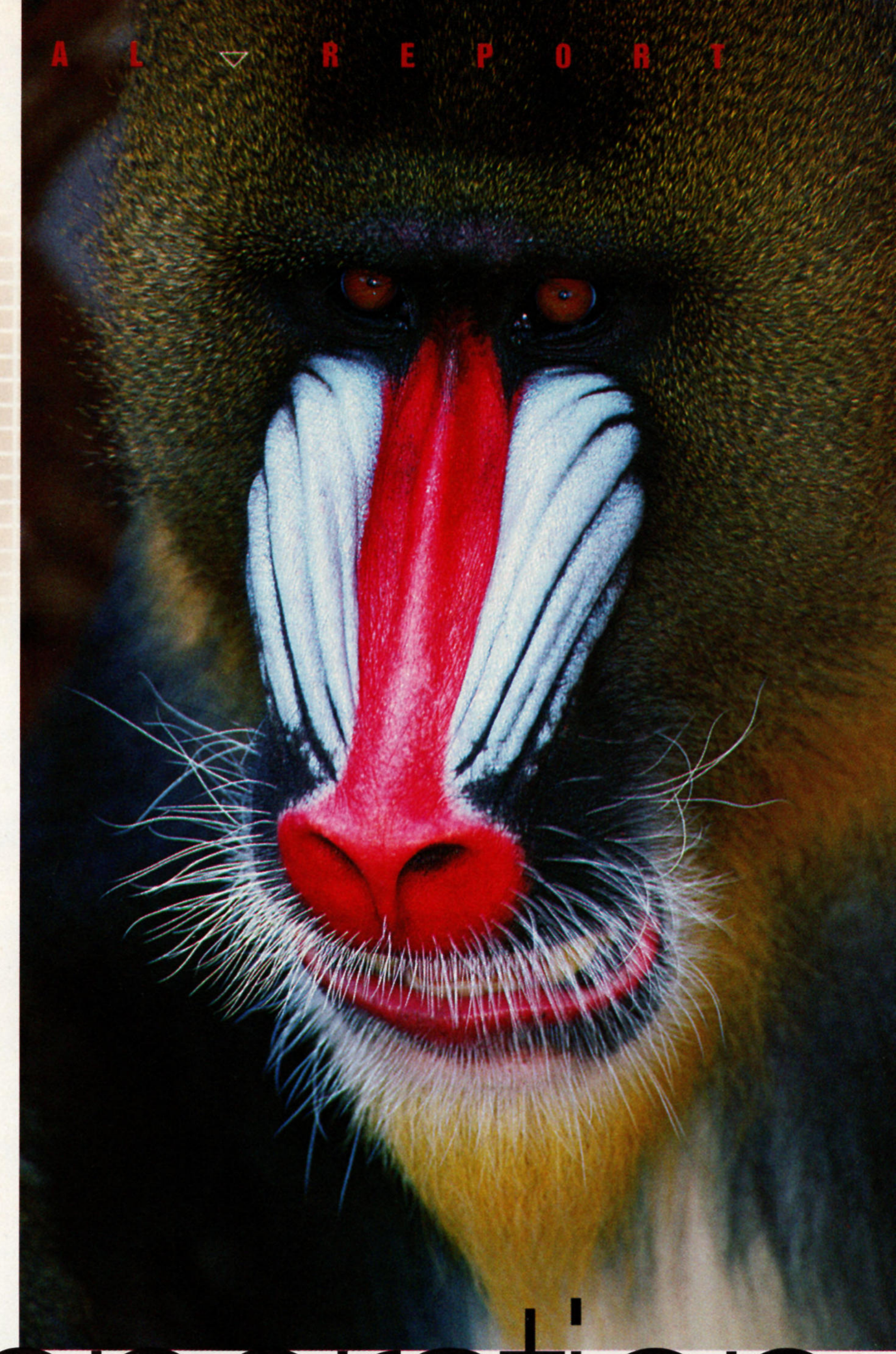
- Ektachrome 100 Plus Pro Film
- T-Max 100
- T-Max 400
- Tri-X 400 Prof. Film

OR
100 or 250 Sheets of: Polymax or Polycontrast III Paper

Some Limitations Apply
Expires 6/30/99

For additional products see Adorama advertisements in the back pages of this magazine





Generation

The new Nikon F100 gives you the confidence that you'll bring home your best images

I've been using the new Nikon F100 as a loaner body for the last few months, and here's a quick summation of how I feel about it: I've been racking my brain for excuses so that Nikon won't ask for it back. My dog ate the camera. Are you sure you shipped it to me? F100 camera—what F100 camera? Well, I don't think they're going to go for any of these, but I sure would like to keep this camera. The Nikon F100 has many of my favorite F5 features, plus many of my favorite N90s features, and a number of special features all its own.

I worked with the new F100 on a couple of recent trips. The first location was White Sands National Monument in southern New Mexico, a long day's drive from my house. This is one of my favorite locations for graphic photography because of the interplay of light across ripple patterns in the sand (which is actually gypsum, the same stuff as plaster of paris). The best way to photograph here is to drive to the very end of the visitor's road, then hike into the dunes. Personally, I've found my best locations by hiking south from the road, going far enough out to avoid all the casual visitors.

Carrying the F100 instead of my F5 was a real treat due to its light weight and small size. I didn't use the MB-15 battery pack here, as I had no need of a fast motordrive rate or a vertical grip. After all, I wanted to do slow, studious scenic landscape photography. I carried the F100 on a camera strap around my neck, with my 20-35mm Nikkor zoom attached.

From experience, I knew this would be my most-used lens, so by having it readily available, I could easily handhold the camera to frame possible shots before setting up my tripod. In my vest pockets were my 35-70mm and 80-200mm lenses, a remote release (the Nikon MC-30, which the F5 uses also) and lots of film. I worked the morning and evening light for three days, always using the F100, and it performed perfectly. Convenient and compact, carrying it with a neck strap for several hours at a time was easy and effortless. Hey, this was great!

A few weeks later, I traveled to Florida for a lecture program, so I thought I'd tack on a week of personal shooting. But carrying program material and camera gear can add up to a major problem: how to get everything onto the airplane. Consequently, I took along the absolute minimum amount of equipment.

I knew I'd be primarily photographing birds and not much else, although there would be a chance of a decent sunrise or sunset. I took my 500mm AF-S Nikkor with matched TC-14E-1.4X teleconverter, my 80-200mm zoom, my tripod with Wimberley head, a Nikon flash for fill work and only one camera body—the F100, but now with the MB-15 grip attached. I'll admit I was a little nervous carrying only one camera, and a loaner at that, but so far, it had performed well. I shouldn't have worried—the F100 came through.

I photographed at the Venice rookery for two days, using autofocus at times on the great blue herons and great egrets as they flew back and forth from their island nests. The F100/500mm AF-S combination hit focus consistently; the only problems were caused not by the camera, but by me. I missed correct framing a few times, as always happens when you're following a moving animal.

Leaving Venice, I drove up to Tampa's Lowry Park Zoo for one day's work. Specifically, I wanted to get head shots of a male mandrill, and I knew there was one reasonably accessible at the zoo. Once again, I used the same combination of F100 and 500mm lens, adding a weak fill-flash for every frame I took. And, once again, no problems at all.

Controls And Options

A Nikon F100 user can modify the camera fairly extensively, tailoring it to one's exact preferences by means of the Custom Settings and the optional

Next

Text And Photography By John Shaw

***OPPOSITE:* The F100's 3D Matrix Metering teams up with Nikon Speedlight flashes for flawless exposures under challenging long focal length conditions. *LEFT:* No matter what lengths you travel to find your photographs, you'll appreciate the versatility of the F100 system. *ABOVE:* Don't let the camera's simple design fool you—the F100 packs pro-level punch!**

MANDRILL: Nikon F100, Nikkor 500mm, Fujichrome Velvia; DUNES: Nikon F100, Nikkor 35-70mm, Fujichrome Velvia

Nikon F100 Specifications

Camera Type: 35mm SLR
Lens Mount: Nikon F mount, with AF couplings and AF contacts
Autofocus Type: TTL phase detection; Multi-CAM 1300 autofocus modes
Exposure Metering: TTL full aperture; 3D Matrix; center-weighted (75% in 12mm central circle); spot metering (1% of frame) in five locations
Exposure Modes: Manual, Shutter-priority, Aperture-priority, Program
Exposure Compensation: ±5 stops
Shutter Speeds: 30 to 1/8000 sec., plus Bulb
Film Speed: DX from ISO 25 to 5000; manually set from ISO 6 to 6400
Viewfinder: Fixed eye-level pentaprism, 96% coverage
Depth-Of-Field Preview: Yes
Self-Timer: Programmable with 2-, 5-, 10- or 20-second delay
Flash Synch: 1/250 sec. front curtain, rear curtain, slow speed sync, red-eye reduction with Nikon SB-26, SB-27 or SB-28 flash units
Dimensions: 6x4x2.6-inches (without the MB-15)
Weight: 27.7 ounces (body only, no batteries)
List Price: $1,629

Multi-Power battery pack. The camera's basic power supply is four AA batteries. If you want to keep weight to a minimum, try using four lithium AAs. Standard alkaline AA batteries are also usable in the F100, helpful to the traveling photographer, as these can be found worldwide. Or, you can power the basic camera off of two three-volt lithium batteries, either the CR123A or the DL123A. To use these, you must purchase a special optional battery compartment insert. Regardless of how the basic camera is powered, the maximum motordrive rate is the same—approximately 4.5 frames per second.

If you want a slightly faster motordrive rate, or a bit more battery reserve, you can purchase the add-on MB-15 Multi-Power High-Speed Battery Pack. That's a long name for what I think is an extremely useful accessory whenever you're doing any sort of action photography. The MB-15 does add some weight and bulk when attached to the camera, but you can always remove it. The MB-15 holds six AA batteries (lithium or alkaline) or Nikon's MN-15 NiMH rechargeable battery. Any of these power options raises the motordrive rate up to 5 frames per second and the rewind speed to about 9 seconds. It also incorporates a vertical grip with a shutter release and a secondary AF start button.

I find the Nikon F100 to be more closely related to the super-high-tech F5 than the older N90s. The "F" moniker signifies a truly pro body—an "F5 lite," if you will. It has the same five-point autofocus system as the F5, with the sensor points arranged in the same positions, plus the normal single-servo AF for stationary subjects and continuous AF for moving subjects.

As with the F5, you can choose between standard AF, where only one sensor is active, or dynamic AF, where once acquired, the subject is maintained in focus as long as you keep it anywhere within the AF sensor array. The choice of AF modes is selected by a switch on the camera back, which is far easier to use than the F5's top deck location. Whichever AF sensor point you choose lights up in red momentarily, both when you select it and thereafter whenever you touch the shutter release. When using the AF-S mode combined with dynamic AF, the camera automatically selects the focus area with the closest subject. By the way, as with the F5, the F100's spot meter is tied to the AF sensor location. Whichever one is selected is where the spot meter reads.

The F100 is made using a magnesium alloy to provide strength and rigidity. This, in turn, is covered with a tough, textured rubber, the same easy-to-grip stuff that covers the F5. Like most pro cameras, the F100 is O-ring-sealed against dust and moisture.

The layout of the controls is a mix of F5 and N90s. If you're using Nikon AF lenses, you can set both shutter speeds and apertures in ⅓-stop increments via dials on the camera body. Of course, you can also use most Nikon F-mount lenses, changing *f*-stops with the aperture ring on the lens. With AF Nikkor lenses, you have to tell the camera you're doing this via Custom Setting #22, and you maintain the aperture readout in the finder.

The F100 has another feature found on the F5, but partially lacking on the

Need precision? The F100 includes a true 1% spot meter in its metering arsenal for those situations where you want ultimate exposure control. And, thanks to the Nikon F mount, there's a huge selection of top-quality lenses at your disposal.

HERON: Nikon F100, Nikkor 500mm, Fujichrome Velvia

N90s—a complete analog display of exposure values in the finder, which is an indication of where the camera is set as compared to a medium tone. In the N90s, the analog display is only ±1 stop, an irritatingly narrow range since slide film can handle two stops more in tonality. In fact, this narrow ±1-stop display is one of the major complaints I've heard about the N90s—but the F100 addresses this concern. What you see in the finder (and displayed on the top deck LCD panel) depends on the exposure increments you've programmed into the camera. In the standard ⅓-stop system, it displays ±2 stops, just like the F5. But program the F100 to work in either ½- or 1-stop increments, and the display shows ±3 stops on the analog scale. Hey, I like this.

Nearly every Nikon accessory will work with the F100. These include the SB-27 and SB-28 flash units, the SU-4 wireless slave flash controller to make remote flashes work TTL, tons of lenses, a right-angle viewfinder and straps and cases. There's also a Photo Secretary software program for Windows computers so you can download photo data from the camera. The camera is an integral part of the total Nikon system.

So far, it sounds like I'm really smitten with this camera. Well, yes, I am. I think that all in all, it's a very well thought-out body—very ergonomically designed, solidly made and loaded with features. So, is there anything wrong with it? I've only got two complaints. For some reason, Nikon left off a viewfinder shutter blind. When you're working in bright conditions, some light can enter the eyepiece and occasionally affect the exposure reading, particularly if you're working in an auto exposure mode with the camera mounted on a tripod. The F100 does come with a little slip-on cap that goes over the eyepiece ring. Yes, it works perfectly, but Nikon's method of storing this cap is to clip it onto the camera's neckstrap. I can tell you right now how long that will work when you're out in the field.

So, what's my other complaint? I still haven't come up with an excuse to keep me from returning the F100. I'm open to suggestions.

Contact: Nikon, (800) 645-6687, www.nikonusa.com. **OP**

"I'm not coming out unless it's a Heliopan filter."
Ad Agency: Dyner, Inc. Florham Park, N J
Moose photos © Bill Silliker, Jr. www.camerahunter,com

Moose won't stand for just any filter. They want their pictures taken with only the finest filters: Heliopan.

Superior Quality. Heliopan filters are made in Bavaria, Germany with the precision quality of today's best lenses. They are dyed-in-the-mass, solid Schott (Zeiss), double-hard coated, optical quality glass. Heliopan gives you the best in details, too: solid brass, slim, black anodized rings with extra thick mounts marked with factors & corrections to make task-matching easy.

Vastest Selection. Heliopan offers the widest range of filter types in the most sizes. Including graduated neutral density and center filters for wide-angle lenses and the most polarizers you can find. Added to these are Heliopan's famous Zeiss Softar filters, which are unsurpassed for soft-focus shots.

Customization. If you can't find a Heliopan filter or adapter for your needs, tell us. We can likely make it for you.

So don't aggravate a moose - or yourself - with inferior filters. Always come outdoors with Heliopan.

HP Marketing Corp.
16 Chapin Rd. Pine Brook, NJ 07058, 973/808-9010

© HP Marketing, 1998.

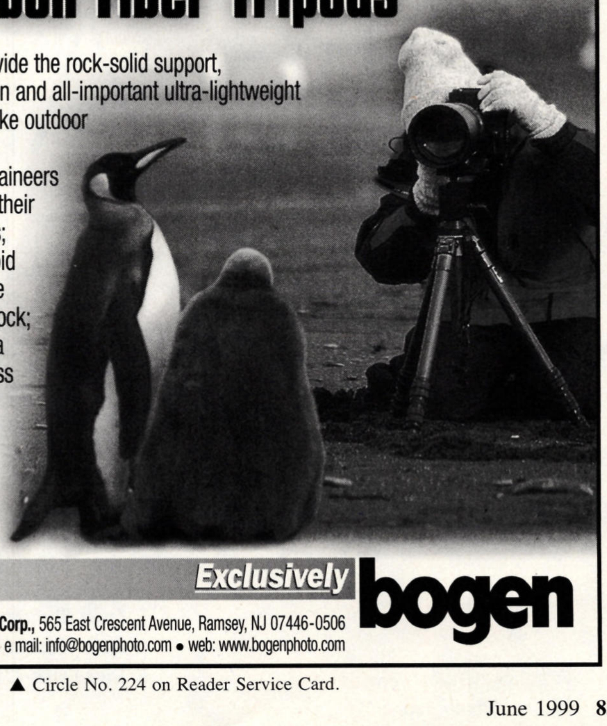
heliopan
The perfect filters for perfectionists.

▲ Circle No. 209 on Reader Service Card.

TAKE IT TO THE LIMIT!

GITZO

GITZO MOUNTAINEER
Carbon Fiber Tripods



Only Mountaineer can provide the rock-solid support, strength, durability, precision and all-important ultra-lightweight demanded by those who take outdoor photography to extremes.

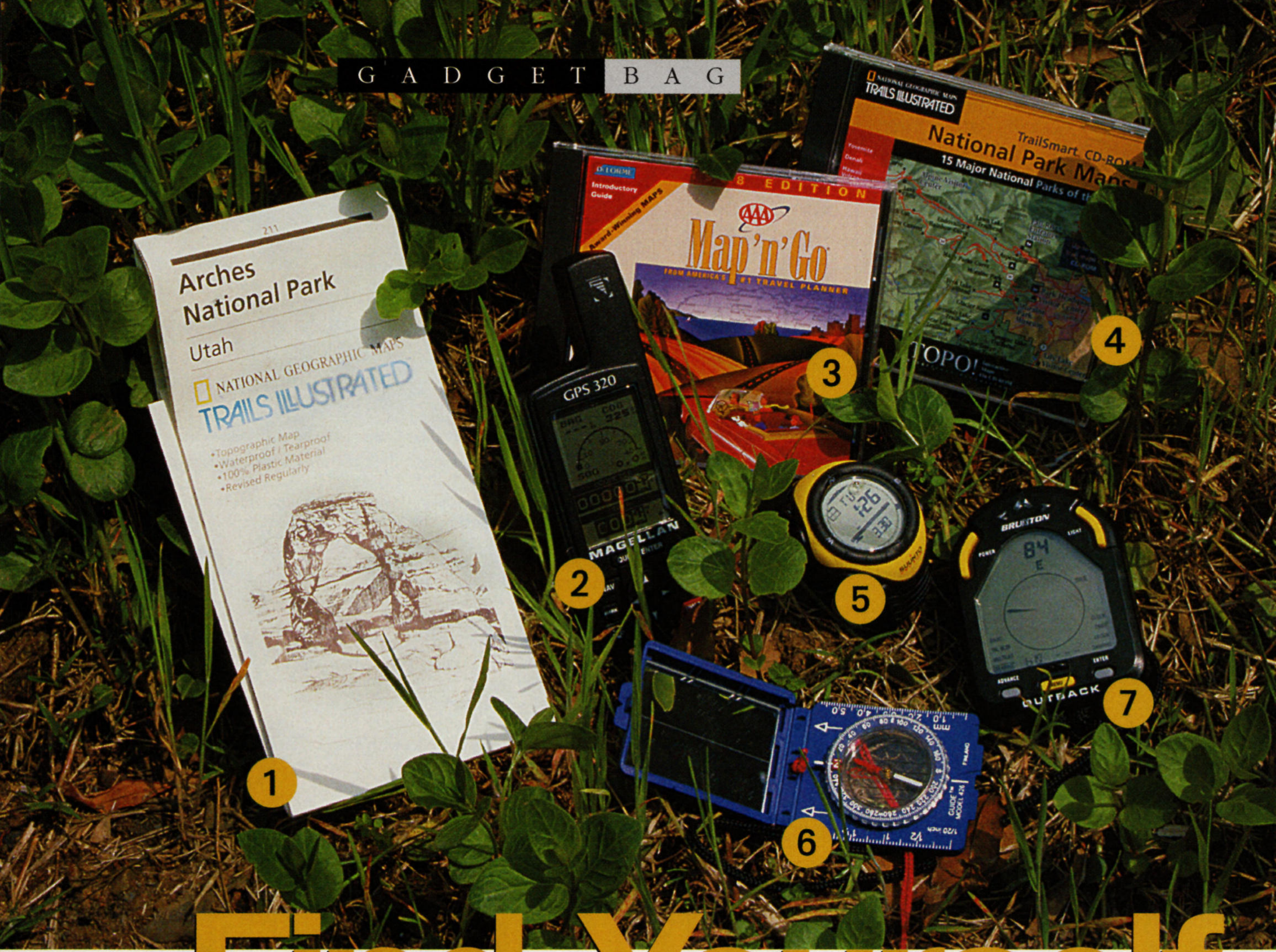
The new-generation Mountaineers are up to 30% lighter than their aluminum-alloy equivalents; feature a new, grooved, rapid center column for a positive vertical/horizontal column lock; rubber leg-lock grips; and a convenient, built-in, stainless steel weight hook.

For more information, see your dealer, contact us or visit our web site.

Exclusively bogen

Bogen Photo Corp., 565 East Crescent Avenue, Ramsey, NJ 07446-0506
(201)818-9500 • Fax: (201)818-9177 • e mail: info@bogenphoto.com • web: www.bogenphoto.com

▲ Circle No. 224 on Reader Service Card.



Find Yourself

The middle of nowhere is a great place to get photos—and get lost

By William Sawalich

As outdoor photographers, we have bigger concerns than simply going out and coming home intact. We're trying to create beautiful photographs along the way. Beyond the basics, positioning devices offer us a variety of additional uses. Ideally, you know right where you are and exactly how to get home, so you're free to concentrate on photography. Where's the sun going to set? With your handy compass, you'll know which way is west. Are you hoping to photograph deer drinking from a babbling brook? Checking your map, you know that the babbling brook is at the southern base of that mountain. (If you find a compass that shows exactly when the deer will be there, let me know.) Your compass tells you which way to go, and your GPS plots the two-mile hike.

Navigation devices have been around for ages, and they don't all rely on new technology. A good old-fashioned map is the foundation for any successful expedition (just ask Columbus), and a compass is the Old Faithful of orienteering. But today, technology allows you to get interactive with an electronic map,

1. Trails Illustrated Map 2. Magellan GPS 320 3. Delorme Map 'n' Go 4. Trails Illustrated CD-ROM Map 5. Suunto Vector Wristop Computer 6. Silva Guide 426 Compass 7. Brunton Digital Outback Compass

or find your way with help from a satellite and GPS (Global Positioning System), which gives you real-time access to a virtual bird's-eye view of where you stand. With all of this help available, you almost have to *try* to get lost.

Don't want to waste those mid-day hours when the sunlight is harsh? Use that time to scout locations for future photographs. With the push of a button, the GPS marks your spot so you can return again to easily find the right place. With a little planning, you'll never again have to hunt for that perfect site you once saw. Your GPS will lead you right to it, with no worries of getting lost in the process.

What's The Use?

As the Boy Scouts say, you've got to be prepared. With a map, you can determine your destination and get a basic idea of the best way to get there and back. Be sure to note the topography; it may only be a half-mile from here to there, but it might also be straight uphill. Beyond simple navigation, CD-ROM maps provide all kinds of services—driving directions, hiking advice, pertinent information and even photographs—practically everything you need to plan a successful trip.

Why do you need a compass, since a GPS has one built in? Unfortunately, most GPS compasses rely on satellites for their information. This means that if your GPS can't get to the satellite—or if the batteries run out—you get no information. But a compass works in conjunction with the Earth, following its magnetic pull. And if that malfunctions, you've got bigger problems than getting home.

Don't think of the compass as just a backup system, though. The simplest compass can provide more information than many of us know what to do with. While there's some technique involved in using a compass effectively, an easy read through the owner's manual should suffice.

For travelers, outdoor enthusiasts and gadget-lovers of all types, the GPS is at the forefront of electronic know-where-you-are-ness. These unassuming handheld devices not only show the lay of the land, they show where you are in relation to it. It's like having an active "You Are Here" marker for your map. This technological marvel isn't infallible, though. GPS devices have trouble receiving satellite information if their "view" is obstructed. Interference can come from roofs, dense trees, canyons and cloud cover.

The Goods To Get

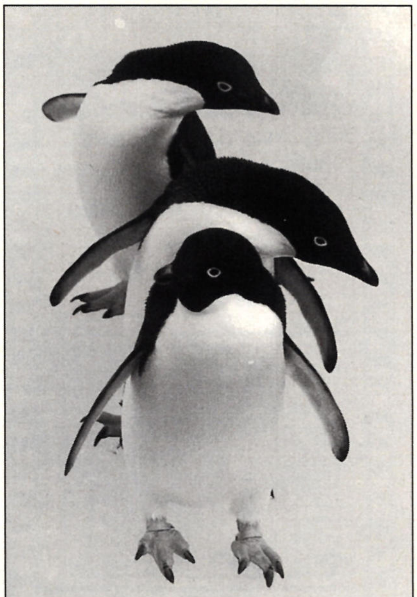
With a compass, quality and reliability are key; you'll want to forego the Cracker Jack prize for something a bit more rugged and dependable. Start with a high-quality compass before you add on the beyond-the-basics features that many models offer. Some compasses come with thermometers, barometers, clocks, safety whistles and other outdoor aids. A reliable compass is a necessity, even if it's not full of fancy features.

Silva's lightweight **Guide 426** compass is so small and light (0.9 ounces) that it floats. Just tie the lanyard to your camera bag or strap and you'll always end up where you want to be. Price: $20.99.

Brunton's **27LU Trooper** adds an extra feature to its small, affordable compass. A sun watch will help you get to your location in time for the perfect light. Plus, it's small enough to pin on or carry in the coin pocket of your jeans. Price: $25.91.

The **Digital Outback Compass** from **Brunton** combines traditional simplicity with advanced features. Billed as the link between a compass and GPS, the Digital Outback can be programmed to memorize your course of travel so that it can return you safely to your starting point. Extra features include a clock/timer, a light for night use, declination adjustment and a distortion alarm to alert you to magnetic interference. And the 200-hour battery provides plenty of time for you to get where you're going. Price: $79.95.

Why carry an extra gadget when you don't have to? **Suunto**'s **Vector Wristop Computer** is a compass that thinks it's a watch. The easy-to-read display combines all the functions of a compass and a digital



ULTIMATE ANTARCTICA

Antarctica, South Georgia and the Falkland Islands

There is only one company on Earth that offers a cruise on the Southern Ocean that is totally dedicated to photography. From

Nov. 18 to Dec. 15, 2000

you and 45 other fellow photographers will join John Shaw, Wayne Lynch and Joe Van Os as we travel through incomparable landscapes of ocean, rock and ice in one of the world's richest wildlife regions. All with one goal in mind — to make great photographs.

A highlight of this trip will be six full days at unrivaled South Georgia, plus the seldom visited colossal albatross colonies of the Falkland Islands. And, of course, we visit the Antarctic Peninsula's most populous penguin colonies and scenic waterways.

If you plan to visit Antarctica and South Georgia only once in your life — this should be your voyage!

Enroll early, space is limited!

JOSEPH VAN OS
PHOTO SAFARIS®
PO BOX 655, VASHON, WA 98070
206-463-5383
info@photosafaris.com
www.photosafaris.com

OP59

▲ Circle No. 182 on Reader Service Card.

Highest Quality
Best Prices

- We specialize in outdoor photography
- Prints directly from slides or negative
- Slides to prints 8x12's as low as $5.00

CALL

PHOTO: GREGORY CRAIG

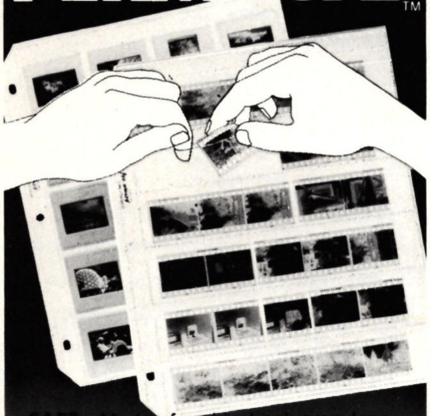
FOR INFO

LINHOFF
Since 1954
Photo & Digital Imaging
P.O. Box 24005
Edina, MN 55424
(612) 927-7333 / (800) 874-8338

We Know the
Color of Nature

▲ Circle No. 238 on Reader Service Card.

NEW VERTICAL FORMAT
PERMA·SAF™



SAFE—Made of archival polypropylene.
SIMPLE—New top-loading envelopes allow for convenient *drop-in* storage and reduce the risk of scratching.
SECURE—New *lock-in* flap holds negatives and slides securely in place.
CONVENIENT—Fits any standard 3-ring binder or file cabinet using hanger bar.

LOW PRICE—$9.95/pkg. of 50
__ pkgs New PERMA-SAF 35mm Slide Pages
__ pkgs New PERMA-SAF 35mm Negative Pages
__ pkgs hanger bars @ $6.50/pkg. of 50
NJ residents add 6% sales tax. Res. of cont.U.S. add $3.95 S&H.
All others add $2.95 plus 20% of order.

Name
Address
City State Zip
OP 6/99 EXPIRES 6/30/99
PERMA SAF • P.O. Box 320, Denville, NJ 07834

▲ Circle No. 237 on Reader Service Card.

watch, plus a stopwatch, thermometer, barometer and altimeter for a comprehensive understanding of your environment. Set the alarm so you're sure to be up with the sun. Price: $199.

A wise man once said, "A map is only as good as the information from which it was made." With help from ***National Geographic,* Trails Illustrated maps** assist in planning your photographic course—and they're an excellent reference once you're in the field. These topographic wilderness maps are very accurate, since they're based on U.S. Geological Survey data, but they're customized for easy-to-understand recreational use. Low prices let you afford more than one of the 160 national park maps that Trails Illustrated offers. Price: $9.95.

The world's not flat, so why should your map be? When shopping for a digital map, find one that really utilizes the benefits of the multimedia format—photographs, videos and massive amounts of information are easily accessible on CD-ROM. Since they're often used for planning a trip, their extra advice can be as valuable as good directions.

With **Maptech**'s **National Park series**, not only do you get an overview of the landscape, but multiple perspectives make you feel like you're actually *in* the map. Line-of-sight profiling gives you a view that no ordinary map can—you'll see on your screen what you'll see on the trail. You can choose from a disc with multiple maps of one park, multiple parks in a region or the complete collection of all 54 U.S. national parks. Plus, the set's built-in guidebook has more than 1300 photos, so you can preview the locations you'll want to photograph. Prices: $29.50 to $179.50.

Delorme Mapping offers a digital guide that integrates with your GPS. With the **AAA Map 'n' Go CD-ROM**, you can plan your trip with the help of the AAA *TourBook* and its information on more than 43,000 lodgings, campgrounds and restaurants. It provides detailed street maps of 241 cities—program your GPS with an address and find your way right to it. Plus, you can update your travel plans on the road with a free Internet link to highway construction, weather and other events to minimize travel delays. Price: $39.

Trails Illustrated also offers a multimedia version of its topographic maps. Along with detailed geographic information, these maps have integrated information about each of the disc's 15 parks right in the layout. You can also build your own notes (like campsites, routes and reminders) into the landscape, so when you print it out, it's customized for your trip. Price: $69.99.

Electronic navigation combines the comprehensive information of a digital map with the versatility of a handheld, portable device. Make sure you buy a GPS with enough battery life or easy recharging to get you through your trip. The greatest technology is worthless if you're stranded without power. Also, there's a wide variety of global navigation systems from which to choose—from very basic to the kind that will get you around the world and back without once asking for directions. You may want more than the bare minimum of latitude and longitude coordinates, but that doesn't mean you have to mortgage your house to get it. You'll want to be able to program the GPS with your own points and preferred routes, and it should also be able to give you choices (shortest, fastest or scenic route) for getting from here to there.

The **GPS 315** and **GPS 320** from **Magellan** tell you more than where you stand. Coupled with the DataSend CD-ROM, they provide information on roads, parks, campgrounds and 20,000 cities. You can also program them with 500 of your own favorite locations and up to 20 precise routes. The trip odometer and speedometer keep you on schedule, while the sunrise and sunset data assist your picture planning. The 320 has all the controls of the 315, but it's customized for water navigation. Prices: $150; $199.

Garmin's **GPS II Plus** gives you lots of information in a user-friendly package. Simply rotate the navigator and the display changes from vertical to horizontal, so you see more of exactly what you want. Set it on the dashboard for driving directions, or tuck it in your pocket while you're hiking on the trail. The II Plus makes it easy for you to get into the virtual landscape. Price: $386.

Lowrance has been helping sailors, hunters and fishing enthusiasts find their targets for decades. Now they can help you find the right photograph. The **GlobalNav 212** GPS receives information from up to 12 satellites simultaneously. And with the aid of Rockwell International (the company that worked on the space shuttle), Lowrance designed the 212 to quickly lock on and stay connected to satellites in all but the worst reception conditions. Price: $250. **OP**

Resources

Brunton	(800) 443-4871	www.brunton.com
Delorme	(207) 846-7000	www.delorme.com
Garmin	(888) 4-GARMIN	www.garmin.com
Lowrance	(800) 324-4770	www.lowrance.com
Magellan	(909) 394-5000	www.magellangps.com
Maptech	(800) 627-7236	www.maptech.com
Silva (JWA)	(888) 245-4984	www.jwa.com
Suunto	(800) 543-9124	www.suuntousa.com
Trails Illustrated	(800) 962-1643	www.trailsillustrated.com

Now, get up to $60 Cash Back on select GOSSEN meters!*

Because exposure shouldn't be a challenge

For over 60 years, photographers worldwide have relied on Gossen meters to provide supreme accuracy, convenience and versatility under virtually every conceivable lighting condition. From the most affordable Scout 3 to the top-of-the-line Ultra-Pro, there's a precision Gossen meter that's perfect for you.

For more information, see your dealer, contact us or visit our web site.

Exclusively bogen

*Offer valid from January 1, 1999 thru June 30, 1999. See dealer for details.

Bogen Photo Corp., 565 East Crescent Avenue, Ramsey, NJ 07446-0506
(201) 818-9500 • Fax: (201) 818-9177 • e mail: info@bogenphoto.com • web: www.bogenphoto.com

Circle No. 223 on Reader Service Card.

The World's Best Slides!

If you want *really* great color slides, try shooting Kodacolor *instead* of your usual "chrome" film. We'll print your slides on Kodak's amazing, new Vision film...for the sharpest, most vivid slides you've ever seen!

Our special 35mm process gives you slides...or prints... or both from the same roll! *Plus,* negs for enlargements.

See for yourself with this risk-free test! Just call (800) 327-1776. We'll send you processing mailers and a coupon to get your first roll of Kodacolor (or *any* print film) developed at 50% off.*

If you are not completely satisfied, call us Toll Free for a cheerful refund!

*Regular developing prices (with no replacement film): Slides only are $6.00/24 exp.; $7.00/36 exp. Slides and 4" x 6" prints are $11.25/24 exp.; $15.25/36 exp. Order your first roll at 1/2 these prices! Please add $1.45 S&H per roll for First Class Mail delivery to your home or office. *Liability is limited to replacement with an equivalent amount of unexposed film and processing.*

DALE LABORATORIES
2960 Simms Street
Hollywood, FL 33020-1579

▲ Circle No. 229 on Reader Service Card.

Peter Finger

The Northeast Photo Workshop Series

Throughout 1999

The Image Experience offers photographic workshops in a multitude of Northeast and Southeast settings that feature dramatic natural landscapes and a variety of wildlife. Each workshop combines field instruction with lectures, slide presentations and instructional critique sessions. Group size is limited to ensure personal instruction based on skill level, interests and equipment expertise. Locations include the Islands of Georgia (Apr. 6-10), the Catskills (May 15-16), Southern Vermont (June 5-6), Cape Cod National Seashore (June 15-18), Utah Landscape (July 22-25) and the New Hampshire White Mountains (Sept. 8-11).

For more information, contact: The Image Experience, 55 Bobwhite Dr., Glenmont, NY 12077, (518) 432-9913, www.peterfinger.com/photoworkshops.html.

Focus On Wildlife: Kenya

July-August 1999 and July-August 2000

Join acclaimed *National Geographic* wildlife photographers Chris Johns and Michael "Nick" Nichols on an incredible wildlife safari in Kenya's famed Masai Mara (Johns will lead the 1999 safaris; Nichols will lead the 2000 safaris). Experience the great migration of two million wildebeest, zebra and impala from the Serengeti, and photograph lions, cheetahs and leopards. Canon will supply a selection of cameras and lenses for these workshops. Each group is limited to 12 participants.

For more information, contact: David Anderson Safaris, 4635 Via Vistosa, Santa Barbara, CA 93110, (800) 927-4647, e-mail: roar@davidanderson.com, www.davidanderson.com.

Pristine Southeastern Alaska

Throughout 1999

Photograph new landscapes, sea life and wildlife each day in southeastern Alaska. Explore the ocean and coastal bays, huge glacier ice fields with snow-covered peaks, floating icebergs, cascading waterfalls, and the Tongass National Forest. Capture the essence of Alaska's natural wonders as you cruise along the mysterious depths of the beautiful, pristine Inside Passage. Discover native villages and cultures, colorful wildflowers, whales, eagles and bears in their natural habitat.

For more information, contact: Alaska Tugboat Tours, P.O. Box 1590, Wrangell, AK 99929, (888) 488-4386, e-mail: tugboat@seapac.net, www.seapac.net/~tugboat.

Capturing Cuban Culture

August 21-28, 1999

"Cuba: A Culture On The Eve Of Change" is an exclusive program highlighting Cuba's vibrant, proud culture. Spend several days in Havana exploring distinct architectural districts and rich cultural treasures while following in the footsteps of one of Cuba's favorite heroes, Ernest Hemingway. Let experienced guides and photographers take you through enchanting colonial towns in the rural countryside of Pinar del Río, a quintessential Cuban western province with tobacco plantations and lush, natural beauty.

For more information, contact: WorldGuest, Eight 75th St., North Bergen, NJ 07047, (201) 861-5059, e-mail: tours@worldguest.com, www.worldguest.com.

David Anderson

Alaska

ALASKA TUGBOAT TOURS
Photo Sea Quest in Pristine S.E. Alaska
Capture the "Essence" of Alaska on film.
Whales, bears, glaciers & snowy peaks.
Native culture, eagles, wildflowers, birds.
P. O. Box 1590p Wrangell, AK 99929
1-888-488-4386 or tugboat@seapac.net

CampAlaska Tours
(800) 376-9438
Affordable Adventures in The Last Frontier!
Because you can't experience Alaska in a hotel lobby.
P.O. Box 872247, Wasilla, AK 99687
www.campalaska.com

PHOTOGRAPH AMERICA NEWSLETTER
Where, when, and how to discover the best photography in America
phone: 1-800-GET FOTO
1-800-438-3686
www.photographamerica.com

Photo Tours
ALASKA
Join Rich Reid on a guided photo tour
• multiple itineraries • small groups
• combination land & sea
Colors of Nature™
For brochure & info
email:colorsofnature@att.net
www.sbincolor.com/con
888-385-5595

ALASKA
Photograph the Grizzlies of Brooks Falls, Denali backcountry & the majesty of McKinley!
Call Us Today.
1·800·543·8917
www.nathab.com
NATURAL HABITAT ADVENTURES

Domestic

New Photo Center in the East
WOLVES – BOBCATS – FOX
Best photo op available anywhere and you don't have to leave "home." Wolves–9 Arctics–9 Timbers–4 Tundras–Natural Settings
Lakota Wolf Preserve • 89 Mt. Pleasant Rd., Columbia, NJ 07832
TOLL-FREE 877-SEE-WOLF
www.lakotawolf.com • e-mail: photography@lakotawolf.com

▲ Circle No. 111 on Reader Service Card.

Outdoor Photographer
YOUR MESSAGE IS READ **LOUD & CLEAR**
For advertising information, call (310) 820-1500

THE
Creative Photographic Art Center of Maine
offers
MAINE OUTDOOR PHOTOGRAPHY WORKSHOPS
with a wide variety of accommodations & Schedules to fulfill your photography needs.
ALSO OFFERING
Full Accredited Degree's in Photography
For more Information Call:
(207)782-1369 or 1-800-691-1369
e-mail:cpacm@cpacm.pair.com
website: cpacm.pair.com

Nikon School
1998/1999
One-day weekend classes from the company known for taking
"The World's Greatest Pictures."
Yours for **$99** (includes lunch and 157-page Nikon School Handbook).

9/26-27/98
Arlington, VA
10/3-4/98
New York City
10/24-25/98
Anaheim, CA
10/31-11/1/98
Albuquerque, NM
11/14-15/98
Chicago, IL
11/21-22/98
Houston, TX
12/5-6/98
Cincinnati, OH
1/9-10/99
Boston area, MA
1/16-17/99
Seattle, WA
1/30-31/99
Orlando, FL
2/6-7/99
New York City

2/20-21/99
Berkeley, CA
2/27-28/99
Atlanta, GA
3/6-7/99
Philadelphia, PA
3/20-21/99
Baltimore, MD
4/10-11/99
Dallas, TX
4/17-18/99
Detroit metro, MI
4/24-25/99
Denver, CO
5/1-2/99
Chicago, IL
5/15-16/99
New York City
5/22-23/99
Portland, OR
6/5-6/99
San Diego, CA

(Cities and dates subject to change)
Order tickets by mail:
Nikon School
1300 Walt Whitman Rd. • Melville, NY 11747-3064
By phone, (516) 547-8666 • By fax, (516) 547-0309
Visit our Website at: www.nikonusa.com

ADVENTURE PHOTO WORKSHOPS
Join Linda DeLay-Joseph (Silver Moon Photography) on a series of exciting & creative outdoor photo workshops
Venues include adventures to THE CHANNEL ISLANDS • CATALINA • COLORADO • JOSHUA TREE NAT'L PARK • YELLOWSTONE • BAJA CALIFORNIA & MORE
ADVENTURE OUTFITTERS
1-800-430-2544
www.adventure-outfitters.com

▲ Circle No. 148 on Reader Service Card.

Rocky Mountain School of Photography
REACH NEW HEIGHTS!
Summer Intensive Career Training
in Montana
June 7- August 20
1999
Over 30 exciting workshops
David Middleton,
John Shaw,
Galen Rowell
and more
Call for our free 72-page catalog today!
800-394-7677
210 N. Higgins, Ste. 101. Missoula, MT. 59802
rmsp@marsweb.com www.rmsp.com

▲ Circle No. 120 on Reader Service Card.

MOUNTAIN LIONS WOLVES–BEARS
Canadian lynx, Bobcat, Coyote and most well-known N. American mammals. Wild but controlled by experienced trainers. Can be photographed in completely natural settings near Glacier National Park.
TRIPLE "D" GAME FARM, INC.
P.O. Box 5072, Kalispell, MT 59903
(406) 755-WOLF, http://www.cyberport.net/TripleD

▲ Circle No. 159 on Reader Service Card.

WILDERNESS photography EXPEDITIONS
Bears 1999
Knight Inlet Grizzly Bears
Sept. 9-17 & Sept. 18-26
Churchill Polar Bears
Oct. 16-20
1-800-521-7230
e-mail: tmurphywild@mcn.net

"Wild Eyes" **Photo Adventures**
photograph wolves, bears, cats and more!
For your '99 tour dates and brochure write:
894 Lake Drive, Columbia Falls, MT 59912
phone & fax: 406-387-5391
e-mail: wildeyes@bigsky.net • http://kalispell.bigsky.net/wildeyes

OREGON
PHOTO TOURS
Photographer's Heaven
Mountains, coastline, waterfalls, covered bridges, rainforest, lighthouses. 5-day guided tour.
Ph. (888) 557-8312
P.O. Box 7201 Salem, OR 97303
www.oregonphototours.com

Yukon Territory

Summer 1999

Here's a rare opportunity to visit places in the Yukon and Northwest Territories that are often talked about but seldom seen. Fly out to remote locales and photograph sweeping scenery, huge glaciers and wildlife such as caribou, moose, trumpeter swans, bald eagles and paragon falcons. View a slide show and discuss techniques each evening while planning the next day's activities. Tours include a trip to Virginia Falls on the south Nahanni River and a flight over the Cirque of the Unclimbables for aerial photos.

For more information, contact: Inconnu Lodge, Box 29008D OK Mission RPO, Kelowna, BC V1W 4A7, Canada, (250) 860-4187, www.inconnu.com.

Exotic Turkey

Fall 1999

Turkey is a photographer's paradise. From the strange lunar landscape of the Cappadocia to the splendor of the Aegean, Ephesus and exotic Istanbul, it's a land of contrast, color and light. Treasures of Turkiye features two special Photographic Treasures tours led by Ruth Park, an award-winning photographer and eight-time visitor to the area. Great Solar Eclipse tours are also offered in August.

For more information, contact: Treasures of Turkiye, 17120 15th Ave. NE, P.O. Box 55504, Seattle, WA 98155, (800) 572-0526, (206) 368-8986, e-mail: visitturkey@treasuresofturkey.com.

Port Townsend, Washington Photography Workshop

July 25-31, August 22-28, 1999

Snowcapped peaks, alpine meadows, rain forests, wildlife, miles of open Pacific beach of the Olympic Peninsula and the colorful Victorian architecture and waterfront of Port Townsend provide the inspiration and limitless subject material for these workshops. Led by prominent West Coast photographer Ron Long, each six-day workshop includes daily lectures and critiques, a dawn-to-dusk shooting regimen and overnight E-6 processing. The critiques provide immediate feedback from the previous day's shoot, and Long's 25 years of experience keep participants moving quickly toward greater photographic expertise.

For more information, contact: Port Townsend Photography Workshops, 1005 Lawrence St., Port Townsend, WA 98368, (604) 469-1651.

California's Wild North Coast

October 4-7, 1999

Explore Northern California's rugged Mendocino Coast with noted photographer Robert Glenn Ketchum. From cliffs above the Pacific Ocean, you can view the ever-changing weather, the setting sun and a cove harboring a fishing marina. Nearby locales include historic Mendocino; a coastal bluff trail system; log-strewn beaches and rock stacks; redwood groves; and two state parks. Participants will learn about contrast in lighting to understand the way their film "sees" a subject. Each day includes field sessions, slide presentations and critiques of student work. The Albion River Inn, host of the workshop, offers superb accommodations. Other Ketchum seminars will be held at the Coupeville Arts Center (May 1-3, (360) 678-3396) and the Woodstock Center For Photographic Studies (Sept. 25-26, (914) 679-9957).

For more information, contact: Pat Turrigiano, ARI Workshop Coordinator, Albion River Inn, Box 100, Albion, CA 95410, (800) 479-7944, e-mail: ari.mcn.org, www.albionriverinn.com.

California's Eastern Sierra

May-August, 1999

Experience the California Sierra in four different workshops. Step back into the days of gold mining at Bodie, one of California's best-preserved ghost towns. The Ancient Bristle Cone Pine Forest, home to the oldest living things on Earth, has gnarled tree trunks, stunning colors and grand vistas. With its weathered, moonlike landscape, oddly shaped mounds and majestic Mount Whitney in the background, the Alabama Hills are a photographer's delight. Mono Lake can take on an almost surreal appearance in the morning and afternoon light. The area, famous for its tufas, features striking volcanic remnants and off-the-beaten-path settings.

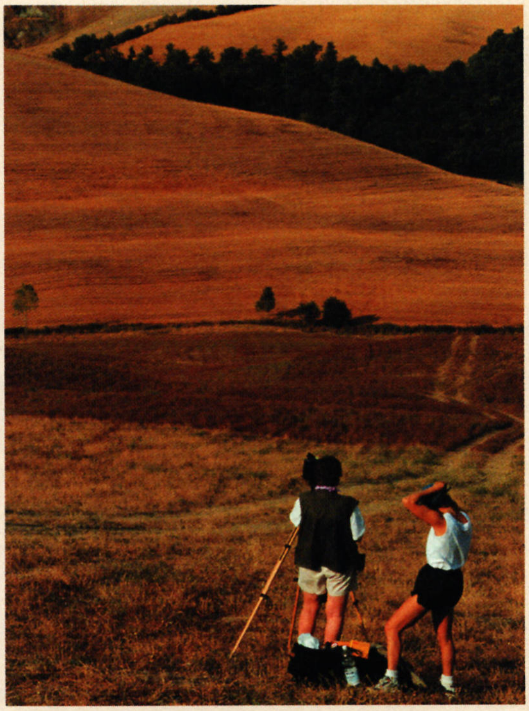
For more information, contact: Daniel B. McIntyre Photography Workshops, 32158 Camino Capistrano, #A119, San Juan Capistrano, CA 92675-3711, (949) 493-5943, e-mail: dbmac01@ibm.net.

The Cortona Center Of Photography, Italy

May-September 1999

In the walled Etruscan hill town of Cortona, Italy, the Cortona Center of Photography will feature unique photography workshops in one of Europe's best-preserved ancient cities. Expert photographers William Albert Allard, Bill Durrence, Jay Maisel, Joe McNally, Allen Matthews and Robin Davis lead this unforgettable experience in the classical setting of Tuscany.

For more information, contact: The Cortona Center of Photography, P.O. Box 550894, Atlanta, GA 30355, (404) 872-3264, e-mail: allen@cortonacenter.com, www.cortonacenter.com.



Allen Matthews

THE NORTHEAST PHOTO WORKSHOPS

CATSKILL MOUNTAINS	May 15 - 16
SOUTHERN VERMONT	June 5 - 6
CAPE COD NAT'L SEASHORE	June 15 - 18
UTAH LANDSCAPE	July 22 - 25
NEW HAMPSHIRE WHITE MTS	Sept 8 -11

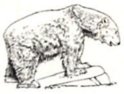
THE IMAGE EXPERIENCE 1999 WORKSHOPS

55 Bobwhite Drive, Glenmont, New York 12077
518-432-9913 email: images@peterfinger.com
www.peterfinger.com/photoworkshops.html

POLAR BEARS

in Churchill, MB and Sila Lodge, NWT

We are now taking bookings for the few remaining spaces available on our summer Muskox, Walrus, Beluga Whale and Sila Lodge Polar Bear tours.
Also, call now to avoid missing out on our October Churchill Polar Bear Tours.



Call or write: Frontiers North
173 Ragsdill Rd., Winnipeg, MB, R2G 4C6
Tel: (800) 663-9832, (204) 949-2050
Fax: (204) 663-6375
E-mail: frontiers_north@mb.sympatico.ca

Joe Englander PHOTOGRAPHY

WORKSHOPS AND TOURS

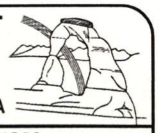
Calif Redwoods	May 23-28
Turkish Coast	June 15-25
Turkish Interior	June 22-July 3
Yellwstn/Beartooth	July 25-30
Grand Tetons	August 2-7
Olympic Peninsula	August 15-21
Alaska Landscape	Aug 30-Sept 5
Alaska River Trip	Sept 9-20
South of France	Sept 29-Oct 8
Yosemite Fall	October 8-11
Florence/ Tuscany	October 12-21
Venice & Islands	October 22-29
Slot Canyons	Nov 11-17
Darkroom	All Year

Himalayas-Bhutan, India, Ireland, Greece, Portugal, Sante Fe/Taos

800 474-9709
512 295-3348
www.englander-workshops.com
Box 1261 Manchaca TX 78652

▲ Circle No. 239 on Reader Service Card.

DRAMATIC LIGHT NATURE PHOTOGRAPHY



with Joseph K. Lange, APSA

1999 WORKSHOPS

Yellowstone & Grand Tetons in Springtime, WY	June 12 - 18
Glacier National Park, MT	July 10 - 16
Canadian Rockies	July 17 - 25
Olympic Peninsula, WA.	Aug. 14 - 20
Oregon Coast	Aug. 21 - 27
Yellowstone in Autumn, WY	Sept. 18 - 24
Grand Tetons in Autumn, WY.	Sept. 25 - Oct. 1
Anasazi Ruins & Rock Art, CO, UT, AZ,NM	Oct. 23 - 29
Zion and SW Utah in Autumn	Oct. 30 - Nov. 5

2292 SHIPROCK RD. • GRAND JUNCTION, COLORADO 81503
1-800-20-PHOTO (74686) OR (970) 244-8855

SUMMER WORKSHOPS & MASTER CLASSES

More than 100 workshops for working pros, serious amateurs and students

Master Classes:
Mary Ellen Mark, Joyce Tenneson, Arnold Newman, Brenda Tharp, George Tice, Connie Imboden, Sara Leen, Amy Arbus, Elizabeth Opalenik, Lucien Clergue, Alison Shaw, John Paul Caponigro, David Middleton, Garry Braasch, William Albert Allard, Jim Blair, Len Jenshel, Stan Grossfeld, Harry Benson, Constantine Manos, Thomas J. Cooper, Steven Wilkes and thirty more. . .

Visit us at www.MEWorkshops.com

For 26 Years, Photography's Leading Workshop Center.

Call Toll Free for our 1999 catalogue:
877/577.7700

The Maine Photographic
WORKSHOPS
2 Central Street · PO Box 200
Rockport, ME 04856
Phone: 207-236-8581 · Fax: 207-236-2558

International FREELANCE PHOTOGRAPHERS Organization IFPO

more than 63,000 Members

MEMBERSHIP DRIVE

beginners, serious amateurs, professionals

now only

Lifetime Membership: ~~$74~~ **$39**

Join NOW. Get Lifetime Membership, FULL BENEFITS, COMPLETE Membership KIT *including* Permanent Membership Card, Certificate, LIFETIME Subscription to *Today's Photographer* magazine and MORE. IFPO is the

FREELANCER's HEADQUARTERS FOR:

- Making Money
- Credentials and I.D.
- Getting Published
- Contests & Exhibitions
- PRESS Assignments
- Workshops & Merits
- Portfolio Home Pages
- Certification
- Freelance Assignments on the Internet ..and MORE

join now only $39
credit cards 1-800-654-9557

or FAX 336-945-3711 or $39 to IFPO-OP,
P.O. Box 777, Lewisville, NC 27023-0777.

IFPO: http://www.aipress.com

▲ Circle No. 230 on Reader Service Card.

When she wanted to swim with the dolphins, you didn't just give her an ocean. You gave her a boat, a guide and an introduction to Shamu.® Thanks.

Make-A-Wish Foundation®
If you know a child with a life-threatening illness, contact us at 1-800-722-WISH or www.makeawish.org.

Wish kid Raquel, Age 10

NorthLight Expeditions & Workshops

Celebrating Our 16th Year

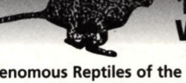
with Brent McCullough

—Expert Guidance in Small Groups—

ACADIA & MAINE COAST	July 11-16
VERMONT FALL COLOR	Sept 26-Oct 1
ACADIA FALL COLOR	Oct 3-8
ZION, BRYCE, SLOT CANYONS	Oct 30-Nov 6
DEATH VALLEY & JOSHUA TREE	Feb 19 -25

96 GORDON ROAD, MIDDLETOWN, NY 10941
1-800-714-1375 or 914-361-1017

Joe & Mary Ann McDonald



1999 WILDLIFE

Venomous Reptiles of the World 3 shoots in June
Complete Nature Photo Course 3 weeks in May-Aug.
Advanced Nature Photo Course (flash) July & August
Yellowstone Photo Tour Sept. 19-25
Personalized Photographic Sessions available–please inquire

INQUIRE NOW ABOUT PHOTO TOURS:
• Falkland Islands 2000
• Alaska 2000 • Africa 2000
• Hummingbird 2000

Call or write for COMPLETE brochures
McDONALD WILDLIFE PHOTOGRAPHY
73 Loht Road, McClure, PA 17841-9340
Phone and FAX: (717) 543-6423
http://www.hoothollow.com

▲ Circle No. 109 on Reader Service Card.

Shooters OF U.S.A. LAB

Custom Enlargements

Video Analyzed Prints From the Same Negative

Qty	3x5	5x7	8x10	11x14	16x20	20x24	20x30
1	.35	$1.25	$2.95	$5.98	$8.98	$9.98	$9.98
10	.29	1.19	2.00	4.98	7.65	$9.50	9.75
25	.25	1.00	1.75	4.50	7.25	9.00	9.50
100	.19	.85	1.00	3.75	6.50	7.50	7.00
Add Into Print Price							
Foam Mount			2.00	3.50	6.00	7.50	9.50
Canvas Mount			12.00	19.00	29.00	34.00	39.00
Framed(wood mica)			10.00	15.00	25.00	40.00	40.00

We Want To IMPRESS You With Our 20x30 Custom Quality Enlargement

ONLY $9.98

From any size NEGATIVE!

VIDEO ANALYZED AUTOMATED PRINTS
From Slides or Transparencies

Qty	3x5	4X6	5x7	8x10	11x14	16x20	20x30
1	.75	.95	2.50	6.00	12.00	18.00	20.00
10+	.65	.75	2.00	4.00	10.00	16.00	19.50
25+	.55	.65	1.75	3.50	9.00	14.50	19.00
50+	.40	.50	1.25	2.00	7.50	13.00	15.00

HIGH QUALITY **PORTRAIT PACKAGE**

ONLY
$1.00 PER UNIT
1•8x10 (1 unit)
2•5x7 (1 unit)
4•3x5 (1 unit)
8•w/s (1unit)
1•11x14 (4 units)

Minimum 3 units per negative

PROFESSIONAL STUDIO PROOFING
WEDDINGS, PORTRAITS, CANDIDS
(Color or B&W)

35mm or 120	3x5	4x5 4x6	5x7	8x10
12exp	$3.98	$4.98	$5.98	$24.98
15exp	4.98	5.98	6.98	30.98
24exp	6.98	7.98	11.98	44.98
36exp	8.98	10.98	14.98	69.98

P.O. Box 8640 • Rolling Meadows, IL 60008
15 E. Golf Road • Arlington Heights, IL 60004
847.956.1010 • Fax: 847.956.1960
www.shooterslab.com

Add $4.50 for Postage and Handling on normal service. Larger orders may incur additional shipping charges. For larger orders, call or write for a quotation and more information.

▲ Circle No. 133 on Reader Service Card.

TRAVEL & WORKSHOPS

The Wild Bunch Ranch at the Tetons

TRAINED WILDLIFE FOR PHOTOGRAPHERS

www.thewildbunchranch.com
(208) 456-3041

The Nature Workshops

Personal Attention at Inspirational Locations

Acadia - Olympic - Upper Mississippi - Aspen - Glacier - Banff - Yellowstone - Bryce - Arches

Never more than 6 participants per instructor

10898 E. Dale Lane • Scottsdale, AZ 85262
602-473-2060

Port Townsend Photography Immersion Workshops

On the spectacular Olympic Peninsula of Washington State
July 25-31 / August 22-28–Tutiton $450
269 2023 E. Sims Way, Port Townsend
WA 98368 (604) 469-1651

MACRO TOURS PHOTO WORKSHOPS

Small Groups • Quality Instruction • Always Reasonable Rates!
Color Slide Printing - July 10, August 21
Maine and Nova Scotia - Sept. 19-26
For brochure, write or call Bert Banks at MACRO TOURS
P.O. Box 460041, San Francisco, CA 94146-0041
(415) 826-1096 or (800) 369-7430 (Outside Calif.)
or e-mail bertcam@aol.com

▲ Circle No. 108 on Reader Service Card.

Daniel B. McIntyre Photography Workshops

PHOTOGRAPH THE EASTERN SIERRA

Bodie State Park	Ancient Bristlecone Pines
July 8-11	July 19-22
July 12-15	July 29-August 1
August 12-15	

Alabama Hills
May 21-23

ALL TRIPS LIMITED TO SIX PARTICIPANTS

For more information please contact:
DANIEL B. MCINTYRE PHOTOGRAPHY WORKSHOPS
32158 Camino Capistrano, #A119
San Juan Capistrano, CA 92675-3711
PH. (949) 493-5943 FAX (949) 487-9689
NEW E-MAIL: dbmac01@ibm.net

International

SHOOT IN MONET'S GARDENS.

12 day photographic workshops
Food/lodging/instruction
May thru October

ArtStudy ◆ Giverny

5724 Flamingo Dr., Cape Coral, FL 33904
(941) 542-4166 • E-Mail: info@artstudy.com

CUBA

August '99
WorldGuest

Photo Tour of Havana and Colonial Cuba with experts.
800/873-9691
WWW.WORLDGUEST.COM

CLOSE-UP EXPEDITIONS

Photo-Adventures Worldwide

- Smallest Groups • Large vans
- Pro photographic leaders
- Itineraries paced for photography

Ask for these great 1999 photo trips:
Canadian Rockies, Oregon Coast, Alaska
Colorado Rockies Fall, Bryce & Zion
Venezuela, S.W. Canyon Country

858 - 56th Street
Oakland, CA 94608
800 457-9553

EXOTIC TURKEY

Summer/Fall 1999

"Photographic Treasures" and "Solar Eclipse" Tours

Groups 12 guests maximum

CONTACT "TREASURES OF TURKIYE"
TEL: (800) 572-0526 • FAX: (206) 368-9096

Photo Explorer Tours

Efficient & economical access to some of the world's best photographic opportunities:

TIBET - Aug 1999
TURKEY - Sept 1999 & June 2000
CHINA & BURMA - Nov/Dec 1999
SOUTH AFRICA - Feb/Mar 2000
SILK ROAD China to Iran - May 2000
CHINA Mountains & Waters - Sept 2000
INDIA & NEPAL - Nov 2000

800-315-4462
www.denniscox.com/tours.htm

POLAR BEARS

Come face to face with a Polar Bear!
Expeditions to Churchill
1·800·543·8917
www.nathab.com
NATURAL HABITAT ADVENTURES

Don't Forget To Say You Saw It In

Outdoor Photographer

BOTSWANA

Guaranteed Best
Botswana Safaris!!
Call Us Today
1·800·543·8917
www.nathab.com
NATURAL HABITAT ADVENTURES

GALAPAGOS
travel

Specializing in comprehensive, professionally-led, natural history & photo tours of the Galápagos Islands. Monthly departures/ 16 passenger yachts.
GALAPAGOS TRAVEL • (800) 969-9014
783 Rio Del Mar Boulevard, Suite #47, Aptos, CA 95003

▲ Circle No. 163 on Reader Service Card.

Don't Forget To Say You Saw It In
Outdoor Photographer

African Wildlife Photo Tours

Geared for the serious photographer. Maximum 5 persons per tour. With more than 180 game reserves in Southern Africa, it is a feast. Specify your desires and an exciting program will be tailored just for you.
H (BERT) MANSON APSSA
PERSONAL PHOTOGRAPHIC SERVICES CC
Box 2810, Somerset West 7129, Republic of South Africa
Fax + 2721 851 1447 • e-mail: bertfoto@iafrica.com

FRANCE PHOTOGENIQUE
photographic tours of Europe, Tel/Fax:(310) 378-2821
NEW! → www.francephotogenique.com ← NEW!
LOIRE VALLEY Sept.27-Oct.5. $1999 — shoot the chateaux, the forests, the vineyards in glorious fall technicolor with Peter Burian, Editor of Outdoor & Nature Photography
plus
FALL TOURS to: PROVENCE & the CAMARGUE, ALSACE, IRELAND, ICELAND, THE HEBRIDES & more..
e-mail:FraPhoto@aol.com shoot Europe with the experts

For Award Winning Photo Opportunities
SHUTTERTRIPS, inc.
with Lyle Lawson

ETHIOPIA'S
Monasteries, Markets & Mountains
9 - 25 Oct, 1999

Tribal Life
28 Oct - 11 Nov, 1999

SHUTTERTRIPS: 2707 Congress St.
Suite 2-G San Diego, CA 92110
Call for details 1-800-727-4359

▲ Circle No. 137 on Reader Service Card.

David Anderson Safaris
Presents:

Focus on Wildlife

Join National Geographic photographers Chris Johns and Michael "Nick" Nichols for a Wildlife Photo Safari in Kenya's famed Masai Mara. Limited to 12 photographers.

August 1999 Chris Johns & David Anderson **$2,995**
(workshop fee all-inclusive)

August 2000 "Nick" Nichols **$2,995**
(if paid in full by July 15, '99)

Canon USA is supplying EOS systems for these safaris. Call for other safaris. For a full color brochure, call Chuck at (800) 927-4647.

David Anderson
SAFARIS

ANTARCTICA

Guaranteed Best
Antarctic Expeditions!!
Call Us Today.
1·800·543·8917
www.nathab.com
NATURAL HABITAT ADVENTURES

Galápagos Islands!
Best boats & naturalists available! Weekly departures all year long!
International Wildlife Adventures
P.O. Box 1410, Vashon, WA 98070
(800) 593-8881 or info@wildlifeadventures.com
Online Newsletter: http://www.wildlifeadventures.com

Photo Safari and Workshop in Canada's Yukon Territory

Imagine the ultimate Photo adventure - Maximum of 8 guests per tour. Floatplane and helicopter from the finest resort in Canada's North. Wildlife, nature, glaciers, fly-outs to the Cirque of the Unclimbables and Virginia Falls in the NWT. Photograph the Yukon with award-winning professionals. 5- and 7-day workshops.

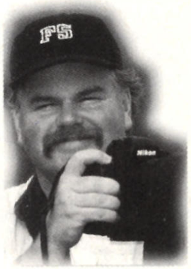
Inconnu Lodge
Box 29008D OK Mission R.P.O.,
Kelowna B.C. Canada, V1W 4A7 Phone: (250) 860-4187
http://www.inconnu.com • E-mail: inconnu@bc.sympatico.ca

www.photosafaris.com

Find Out How Everyone's Making Great
Slide Shows!

Top of the line
Mirage 901Dissolver

Why leave those great slides in sleeves?
Find out why America's leading photographers choose Arion presentation systems.



B. Moose Peterson
"For over 15 years I've relied on Arion to get my message out. Ease of programming, power to run any number of projectors, and the ability of full creative control is what makes Arion such an important tool to my success."

ARION
4952 Farmington Ave. S.E.
Delano, MN 55328-8158 USA

Call For The New
Great Deals Catalog
1-800-328-0595
arion@arion-usa.com • Web arion-usa.com

▲ Circle No. 227 on Reader Service Card.

MAKE A CLEAN SWEEP OF
STATIC & DUST.

staticmaster
staticmaster

Staticmaster® neutralizes static and clears away dust in a single sweep! It's the one step to keep negatives, slides and lenses really clean! Available from your photographic dealer. Write for free literature.

Since 1950
staticmaster®
by NRD Inc.
2937 Alt Blvd. • Grand Island, NY 14072 • 800-525-8076

▲ Circle No. 119 on Reader Service Card.

Free Photo Contest! $60,000.00 in Prizes

Your Favorite Snapshot Could Win $10,000.00!

Semi-finalist winner by Tanya Pedneau

Owings Mills, Maryland — The International Library of Photography is now accepting entries for its annual summer amateur photography competition. The contest is open to everyone and entry is free. The deadline for entry into the competition is June 30, 1999.

"Everyone has at least one memorable photo that captures a special moment in time," stated Jeffrey Bryan of The International Library of Photography, an organization dedicated to bringing the work of amateur photographers to the public's attention.

Semi-finalist winner by Rich Ptak

"When people learn about our free photography contest, they suddenly realize that their own favorite photos can win cash prizes, as well as gain national exposure," continued Bryan.

Semi-finalist winner by Irene Walker

Gain National Exposure!

Many of the photos received in the contest will also be considered for publication by The International Library of Photography. "People enjoy these anthologies because the photos reflect real life experiences everyone can relate to. That's why they always sell out so quickly," Bryan added.

How To Enter This Free Contest

Anyone may enter this free competition simply by sending ONLY ONE photograph in ONE of the following categories: People, Travel, Pets, Children, Sports, Nature, Action, Humor, Portraiture, or Other.

Your photo must be a color or black-and-white print (unmounted). The official contest entry form below must be filled out and taped to the back of your photo. Your entry must be postmarked by June 30, 1999.

Official Contest Entry Form

Name ____________________

Address ____________________

City ____________ State ________ Zip ________

Title of Photo ____________________

Category: ☐ People ☐ Travel ☐ Pets ☐ Children ☐ Sports ☐ Nature ☐ Action ☐ Humor ☐ Portraiture ☐ Other

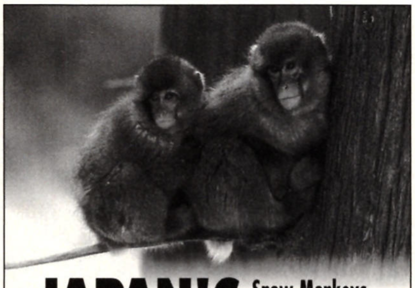
Phone ____________________

E-Mail Address ____________________

This completed entry form (no copies) must be taped to the back of your photo and mailed to:

The International Library of Photography
Suite 350-3106 • 10045 Red Run Blvd. • Owings Mills, MD 21117

© 1999 ILP



JAPAN'S WINTER WILDLIFE

Snow Monkeys, Whooper Swans & Japanese Cranes

Wilderness may not be the first image that pops into your head when you think of Japan. This tour will show you the "other" side of this industrial nation. We'll photograph elegant whooper swans, rare Japanese cranes, Steller's sea eagles and more in snow-bound Hokkaido. And in the "Japanese Alps" of Honshu, we'll make photos of the expressive and highly approachable Snow Monkeys as they take refuge in outdoor hot pools. Spectacular wildlife and scenery abounds in the back-country of Japan!

Call for a free brochure or for details on this trip
206-463-5383

JOSEPH VAN OS
PHOTO SAFARIS®
PO BOX 655, VASHON, WA 98070
info@photosafaris.com www.photosafaris.com

OP60

▲ Circle No. 183 on Reader Service Card.

Do Your Feet Hurt?

Only SUPERFEET FOOTBEDS have the shape, design and materials to give you 100% comfort. Whether you walk, hike, run or play, our unique support and stability make your footwear more comfortable and better fitting. For a list of stores near you call 1.800.634.6618 or visit www.superfeet.com. Your feet will thank you.

SUPERfeet®

▲ Circle No. 147 on Reader Service Card.

(Cont'd from page 24)

feel resonance with the magic and mystery of nature.

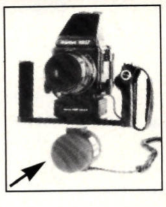
The subjects that have drawn my attention throughout my career are those that, when pared down by the process of composition, reveal the landscape's essential forces. Images of these forces might show the erosion in the sandstone of a slot canyon or the geologic plate tectonics in the uplifted strata of the Himalayas. This trend in my work was reinforced recently when I started work on a new book project. It involved illustrating these very forces with images that show how events in the natural world leave traces of their passage behind. The editing process showed that I had most of the book already in my files! The creation theme appeared repeatedly in my images, and I now realize how my book took its shape.

My travels have taken me to many wonderful sights, some serene and some monumental. Probably the most awesome sight of all was on the Island of Hawaii. I watched creation in action as molten lava poured into the sea and turned to stone.

I photographed the lava flows at the fading light of sunset, experimenting with various exposure times. At the beginning of my session, while there was more light, I worked with shutter speeds around ¼ sec. This effect slightly blurred the motion of the waves, and conveyed the action before me. The ground trembled with geologic energy. As darkness came, I used slower exposure times of several seconds. The long exposure times enhanced the glow of steam as it was painted orange by the lava. The dark steam clouds, blown away from the lava, were also blurred in an intriguing way by the slow shutter speed. There was just enough light left to give a sense of the landscape, and just enough darkness to bring out the glow of hot lava.

The image here was one frame from many rolls of 35mm film. A stiff offshore wind kept me from using my 4x5 camera, but also provided the benefit of blowing the acidic steam clouds away from me and my camera. The 35mm format allowed the use of my telephoto zoom and motordrive, which proved essential for this subject. I wasn't in a place where I

professional photography
HALLMARK
Institute of Photography
&
business
resident 10 month program in Turners Falls, Massachusetts
E-Mail: HALLMARK @ TIAC. NET
www. hallmark - institute. com
413-863-2478

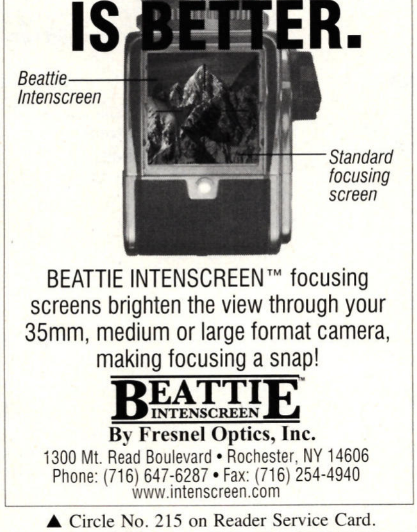


GET STABILIZED

When a tripod just won't work, our gyro stabilizers fit ANY CAMERA, providing sharp handheld exposures of up to a second on land, and broadens parameters for aerial or ship-based photographers. Call us for a free brochure of our various units, prices and rental costs.

KEN-LAB
29 PLAINS ROAD, ESSEX,
CONNECTICUT 06426
(860) 767-3235 • (800) 253-4681
FAX (860) 767-7843
www.ken-lab.com

▲ Circle No. 138 on Reader Service Card.



BRIGHTER IS BETTER.

BEATTIE INTENSCREEN™ focusing screens brighten the view through your 35mm, medium or large format camera, making focusing a snap!

BEATTIE INTENSCREEN
By Fresnel Optics, Inc.
1300 Mt. Read Boulevard • Rochester, NY 14606
Phone: (716) 647-6287 • Fax: (716) 254-4940
www.intenscreen.com

▲ Circle No. 215 on Reader Service Card.

Renegade photographer and her marketing maniac husband reveal
"How to make $2,970.00 in one weekend photographing people and pets"
your own business from home or studio!
Dear fellow photographer,
Cash in on what Entrepreneur Magazine called one of the "12 hottest," and Small Business Opportunities one of the "50 Top Boom Businesses." Send now for our FREE SPECIAL REPORT!
Write to Not Your Normal™ photography, OD69, 600 Kelly Rd., Carthage, NC 28327

could maneuver much, least of all closer! The zoom lens I used on my 35mm camera proved a distinct advantage over using my 4x5.

The action of wave and lava changed constantly. Given the limited amount of good light, the motordrive allowed me to record many variations and combinations of waves cresting or pulling lava down the beach as they receded or of the steam clouds shifting within the scene. In fact, only one other image I captured of the lava flows made it to the top of my edits. In spite of all the frames I exposed, this other image (see my Web page at www.WilliamNeill.com) captured a surging wave at just the right instant at just the right shutter speed. Many frames were very good, but these two images I've described were the best, thanks to the speed of the 35mm format. Haas himself took full advantage of the 35mm format's strengths, and was the master of capturing ephemeral moments in nature.

I don't recommend that you try photographing this close to the lava flows. I worked with permission and under the guidance of a very experienced, local professional cinematographer/volcanologist. The volcanic cliffs are continually breaking off into the surf. I was at this site on two consecutive evenings, and a huge shelf of hardened lava on which I stood the first evening had disappeared by the next day!

When I review the photographs I made of the lava flows, I'm refreshed by the memory of that powerful experience. I remember my heart pounding as I exposed roll after roll as sunset turned to darkness. It was a seminal and energizing event for me. I recall Haas' own beautiful lava images in *The Creation*, when he photographed a new island formed from a volcanic eruption in Iceland. He wrote of his own experience, "It was as if we were watching a very fast and small-scale creation of the world." Haas' work helped lead me where I wanted to go, and to realize that it was possible to get there. Creation is the inspiration, and the process of creating images of creation, the sustenance. OP

William Neill's Web page address is www.WilliamNeill.com.

PallasPhotoImaging
Some of the most notable Nature and Wildlife Photographers process with Pallas PhotoImaging.
Carr Clifton
Fred Hirschmann
Boyd Norton
Dave Macias
G. Alan Nelson
PallasPhotoImaging
700 Kalamath
Denver, CO 80204
(800) 875-7875
email: pallas@rmi.net

▲ Circle No. 244 on Reader Service Card.

Quality Color Prints From 35mm Slides
▪Since 1973▪
We're The Experts
The Slideprinter
Inside Many A Slide There's A Great Print Waiting To Come Out
Let Us Prove It
The Slideprinter
8 x 12.......ONLY $5.00
Quantity Discounts Available
Write for our complete price sheet and postpaid mailers.
The Slideprinter
P.O. Box 9506V Denver, CO 80209

FREE *INFO!*

READER INFORMATION SERVICE

KEEP THIS CARD HANDY AS YOU READ THROUGH THIS ISSUE

Outdoor Photographer has made it easier for readers to obtain additional information on products and services covered editorially or advertised in this issue. Simply complete the attached postpaid Reader Response Card as follows: Print or type your name and address where indicated. Answer all questions. Look for the Reader Response number in the advertisement and circle that number on the Reader Response Card.

CAMERAS

Canon
EOS Elan IIE with Eye-Controlled Focus. Back Cover. **RS# 170**

Gran-View
Versatile, lightweight, rugged portable hand-held large-format cameras. Page 102. **RS# 128**

Leica
Take a picture in 1/1000 of a second. Get a rebate even faster. Page 73. **RS# 242**

Linhof
Linhof's cameras give you the ready-to-go rugged features you want for shooting outdoors. Pages 74-75. **RS# 210**

Minolta
The Maxxum 9 has the world's fastest shutter speed of 1/12,000 second. Page 11. **RS# 226**

Nikon
Introducing the newest addition to Nikon's Total Pro Imaging system, the F100™. Page 15. **RS# 222**

Olympus
Introducing the beautifully designed, technologically advanced iZOOM75. Page 21. **RS# 197**

Pentax
My Pentax ZX-5N. Aren't your pictures worth a Pentax? Page 17. **RS# 204**

LENSES

Tamron
Introducing the New Tamron AF28-300mm: a quantum leap in optical technology. Inside Back Cover. **RS# 181**

Tamron
Collecting more awards and critical acclaim than perhaps any zoom lens in history: the Tamron 28-200mm lens. Page 53. **RS# 180**

THK Photo Products, Inc.
HOYA. The choice is perfectly clear. Page 67. **RS# 205**

THK Photo Products, Inc.
Tokina sharp. Tokina crisp. Tokina clear. Page 31. **RS# 206**

THK Photo Products, Inc.
BUY NOW and get high-performance Tokina optics with generous rebates. Page 30. **RS# 207**

PHOTO PRODUCTS

Arion Sales
Find out how everyone's Making Great Slide Shows! Mirage 901 Dissolver. Page 95. **RS# 227**

Beattie
Intenscreen™ focusing screens brighten the view through your camera. Page 97. **RS# 215**

Bogen Photo Corp.
Now, get up to $60 Cash Back on select Gossen Meters. Page 89. **RS# 223**

The Film Shop
We sell every type of film for your outdoor photography needs. Call us at 1-888-345-6746. Page 106. **RS# 185**

Flare Buster
A flexible, versatile, camera-shoe mounted system. Page 102. **RS# 127**

Graphik Dimensions
Top-quality frames at rock-bottom prices. Page 101. **RS# 150**

HP Marketing
Heliopan.The perfect filters for perfectionists. Page 85. **RS# 209**

Ken-Lab
Gyro Stabilizers fit any camera. Page 97. **RS# 138**

Perma SAF
New vertical format. Perma SAF 35mm slide pages. Page 88. **RS# 237**

Prism Printing And Graphics
Find the right settings for great photographs. Page 100. **RS# 110**

Staticmaster®
Staticmaster® neutralizes static and clears away dust in a single sweep! Page 95. **RS# 119**

PHOTO BAGS/CASES

Lowepro
Street and Field from Lowepro will change the way you think about carrying your gear. Page 27. **RS# 175**

Swamp Photo
Swamp Strap. For the active photographer. Page 100. **RS# 112**

Tamrac
Extreme Series photo backpacks, hip packs and modular accessory system. Page 69. **RS# 158**

TRIPODS/UNIPODS

Bogen Photo Corp.
Take it to the limit! Gitzo Mountaineer Carbon Fiber Tripods. Page 85. **RS# 224**

SLIK
SLIK Unipod, when that once-in-a-lifetime shot appears. Page 22. **RS# 195**

SLIK
Ultra-light, super-strong SLIK U-Series tripod. Page 22. **RS# 116**

LAB SERVICES

Dale Laboratories
Our special 35mm process gives you slides...or prints...or both from the same roll! Page 89. **RS# 229**

Holland Photo
For professional results...trust your image to Holland. Page 101. **RS# 212**

Imagers
Digital color printing direct to press. Page 18. **RS# 231**

Imagexperts
Who knows more about your image than the Xperts? Page 68. **RS# 125**

Linhoff
Slides to prints 8x12s as low as $5.00. Page 88. **RS# 238**

Pallas PhotoImaging
Some of the most notable nature photographers process with Pallas PhotoImaging. Page 97. **RS# 244**

Shooters Of USA
Digital imaging, film output and other services. Page 94. **RS# 133**

TRAVEL

Joseph Van Os Photo Safaris
Antarctica, South Georgia, Falkland Islands. Page 87. **RS# 182**

Joseph Van Os Photo Safaris
Japan's Winter Wildlife. Call for a free brochure or for details on this trip: 206-463-5383. Page 96. **RS# 183**

OUTDOOR PRODUCTS/APPAREL

Meade Instruments Corp.
Take a guided tour of the heavens at the push of a button with the Meade® ETX-90EC™ Astro Telescope. Page 66. **RS# 193**

Steiner
The new Steiner Rocky S Binoculars. Page 45. **RS# 135**

Superfeet
Only Superfeet footbeds have the shape, design and materials to give you 100% comfort. Page 96. **RS# 147**

Tasco Binoculars
Tasco introduces the Rare Bird Collection™. Page 9. **RS# 189**

Tracks
The Tracks Compact Travel Staff is the lightest, most compact staff available. Page 59. **RS# 160**

Up Close
Scent elimination products and concealment gear. Page 102. **RS# 103**

Vasque
Vasque Approach. For a Vasque dealer near you, call 1-800-224-HIKE. Page 19. **RS# 129**

SOFTWARE

SlideScribe
Software... for PC or Mac. Easy-to-use image management and captioning programs. Page 99. **RS# 232**

MAIL ORDER

Porter's Camera Store
The granddaddy of all photo/video/digital catalogs. Page 103. **RS# 164**

MISCELLANEOUS

Hunt Graphics
Seal Finish Line Mounting Boards or Pouch Boards turn prints into presentations in seconds. Page 49. **RS# 243**

Photographer's Edge
Turn your photos into greeting cards. Page 100. **RS# 213**

Photo Traveler
Travel guides written by photographers. Page 102. **RS# 118**

For Travel & Workshop Reader Service numbers, please see pages 91-95. Circle the corresponding numbers on the attached postpaid Reader Service Card.

Outdoor Photographer

Take this card and stuff it!..

...into the nearest postal pick-up box. Your request will be forwarded to the appropriate companies, which will send the requested information to you by return mail at no extra cost. Allow two weeks or more for delivery. If, for some reason, the card has been removed from this issue, please write the Reader Response numbers on a piece of paper, including your name, address and the date of this issue, and send it to *Outdoor Photographer Magazine,* P.O. Box 5065, Pittsfield, MA 01203-9124.

For a fast subscription to ***Outdoor Photographer***, call toll-free (800) 283-4410 nationwide.

Reader Opinion Poll

Tell Us How To Meet Your Needs

Because *OUTDOOR PHOTOGRAPHER* values your continued readership, we've created this Reader's Forum to allow you to tell us what you think of the articles that appear in this issue. It's easy! Each feature and column in the issue is numbered below. Simply circle the Reader Service Key Number on the attached Reader Response Card that corresponds to the **two features *and* the two columns** that you liked most and liked least. Also, by circling the numbers on the Reader Response Card that correspond to advertisers in the magazine, you can obtain fast, free information on these items at no extra cost. Make sure you print or type your name and address where indicated and answer all questions. Thank you for your feedback!

Features

Liked Most (choose two)	***Liked Least*** (choose two)
351 Plateau Light	**370** Plateau Light
352 Bad Weather, Great Images	**371** Bad Weather, Great Images
353 Advanced Flower Techniques	**372** Advanced Flower Techniques
354 Just Wing It	**373** Just Wing It
355 Ultimate Sailing	**374** Ultimate Sailing
356 Find Your Spot	**375** Find Your Spot
357 The World's Best Prints	**376** The World's Best Prints
358 View To A Kill	**377** View To A Kill
359 Dynamic Lens Duo	**378** Dynamic Lens Duo
360 Additions To Your Film Arsenal	**379** Additions To Your Film Arsenal
361 Generation Next	**380** Generation Next

Columns/Departments

Liked Most (choose two)	***Liked Least*** (choose two)
362 In Focus	**381** In Focus
363 Favorite Places: Malibu, California	**382** Favorite Places: Malibu, California
364 Tech Tips	**383** Tech Tips
365 Wildside	**384** Wildside
366 On Landscape	**385** On Landscape
367 Photo Adventure	**386** Photo Adventure
368 World View	**387** World View
369 Gadget Bag: Find Yourself	**388** Gadget Bag: Find Yourself

Outdoor Photographer

Software...
for PC or Mac

Easy to use Image Management and Captioning Programs

Check out our Archival Labels!

NEW! Slide Manager for Windows
Software for captioning with powerful sort and search retrieval capabilities
#21206 Birds of Prey
© Image Innovations, Inc.
7685 Washington Ave. South
Minneapolis, MN 55439

Captioning with...
- 4 lines of text per label
- Automatic numbering
- Repeat line and repeat label features

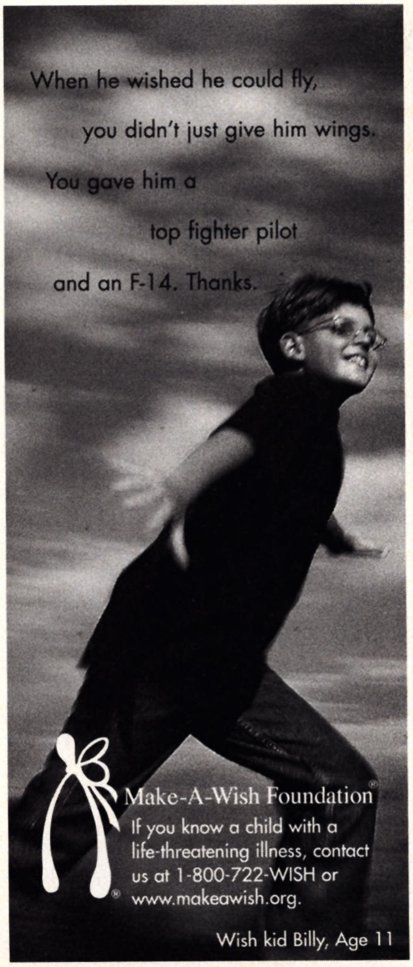
Database Retrieval with...
- Key words
- Groups and Categories
- Select Phrases
- Image numbers

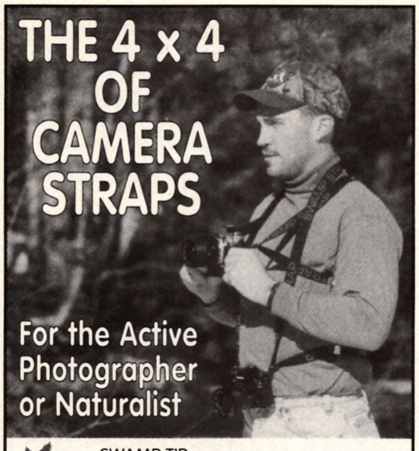
Special Features...
- Many fonts & colors for customized captioning
- Unlimited # of images
- ©, ™ and other symbols supported

SlideScribe
PRODUCTS BY IMAGE INNOVATIONS
1-800-345-4118 • 612-942-7909

Archival labels, slide protectors, adhesives, storage & handling products and more...

▲ Circle No. 232 on Reader Service Card.


When he wished he could fly,
you didn't just give him wings.
You gave him a
top fighter pilot
and an F-14. Thanks.
Make-A-Wish Foundation®
If you know a child with a life-threatening illness, contact us at 1-800-722-WISH or www.makeawish.org.
Wish kid Billy, Age 11


THE 4 x 4 OF CAMERA STRAPS
For the Active Photographer or Naturalist

SWAMP TIP: Watch the areas around bird feeders and nests. Birds will land on a certain perch before going to feeder or nest. Pre focus and shoot when they land.

The Swamp Strap eliminates bouncing and swinging by holding camera or binoculars securely against your body, yet is instantly ready by simply sliding it up.

Wearing a second swamp strap twisted into a figure eight in back alllows you to carry a second camera or binoculars.

visit us at **www.swampphoto.com**

$19.95 + $3.95 S&H **Deduct $5.00 for 2nd Strap**
SIZES: S-M-L-XL-XXL • Send Check or Money Order

SWAMP PHOTO
PO Box 19
Swamp Run Road
Brookville, PA 15825

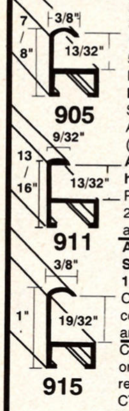
INFO: (814) 849-8105
FAX: (814) 849-4933
ORDERS:
(800) 784-6457

ERGONOMICALLY ENGINEERED / ECOLOGICALLY DESIGNED

▲ Circle No. 112 on Reader Service Card.

LOWEST PRICES IN USA

Style 905, 911 & 915 colors;
Silver, Gold, Contrast Grey, Gloss Black, Matte Black, Blue Pewter (not in 905), German Silver



Plus we carry 20 other styles in 127 colors.(the full NIELSEN line) NO MINIMUM ORDER:
Shipping / Handling (cont. 48 states)
10% of order ($7.00 minimum),
5% on orders over $200.00.
FREE on orders over $300.00,
Please add $1.00 insurance fee
Shipping/Handling elsewhere: APO, FPO, AK,HI,PR,Canada 35%, or cost plus $10.00 ($20.00 minimum at all times.)
All frames include FREE corner hardware, hangers, 8 springs and 4 bumpers.
Prices are for 2 equal lengths(1 pair), 2 pair make one frame. Other sizes available.

Also available BULK
Siver & Gold 20% off, Gloss & Matte Black 10% off, All other colors 15% off.
Only in boxes of 50 pairs of same shape, color and size. Includes all hardware,springs and hangers. FOB, Farmington CT 06032

Check or money order must accompany order.MasterCard, Visa welcome ($30.00 requested minimum charge)
CT residents add 6 % sales tax.
Send $3.20 in stamps for catalog and color charts,sent 1st class. Free catalog via bulk mail.

STYLE/ SIZE	911 & 905	915	STYLE/ SIZE	911 & 905	915
4-8"	2.00	2.30	20"	3.80	4.70
9"	2.15	2.50	21"	3.95	4.90
10"	2.30	2.70	22"	4.10	5.10
11"	2.45	2.90	23"	4.25	5.30
12"	2.60	3.10	24"	4.40	5.50
13"	2.75	3.30	25"	4.55	5.70
14"	2.90	3.50	26"	4.70	5.90
15"	3.05	3.70	27"	4.85	6.10
16"	3.20	3.90	28"	5.00	6.30
17"	3.35	4.10	29"	5.15	6.50
18"	3.50	4.30	30"	5.30	6.70
19"	3.65	4.50	31+	0.15	0.20

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Contemporary Frame Co.
Dept O, 346 Scott Swamp Rd
Farmington, CT 06032 For information (860) 677-7787
Toll Free 24 Hour Fax Line 800-426-2157
Call Toll Free to Order 800-243-0386

ULTIMATE SAILING

(Cont'd from page 59)

Keeping the camera and lens free of the omnipresent flying spray isn't easy. A filter is always on the lens. It makes it easy to clean and protect the lens itself. Also, a clean towel and some fresh water are in her Igloo-type cooler with the gear that isn't being used at the moment. Green uses a cooler for its convenience, large capacity and relative waterproofness.

The 70-210mm is a favorite tool for small boat races when she stages shots. That is, before the race actually begins, she'll yell for the skipper of a boat to perform a certain maneuver at a specific place. Usually, those photos are taken when the sailboat is quite close to her chase boat for the maximum effect.

The frantic action on the deck of the boat is only one part of the story of a sailboat race, however. To get images that tell the rest of the story, Green goes for a very different perspective—by photographing from a helicopter. She loves to fly and takes every opportunity to get up into the air. From overhead, the main attraction isn't so much the frantic action on deck, but more of the overall story of a fleet of boats in a race. Seen from the air, a sailboat race resembles a synchronized dance.

Green's advice on how to get action images that have real impact: "Get close. That's probably the most important thing." Also, anticipating where the action is going to take place is key. In her case, Green's deep knowledge of sailing gives her the wherewithal to position a chase boat into the perfect position for maximum action. She's also quick to say that luck always plays a big part of getting the perfect shot.

There's one last piece of advice that Green swears by—wear sunscreen. After all, the benefits of sunscreen have been proven beyond a doubt by scientific research. **OP**

*To order a copy of **Sharon Green**'s* Ultimate Sailing, *contact: Windward Productions, P.O. Box 1063, Southport, CT 06490, (203) 254-3033 or on the Web at www.ultimatesailing.com.*

NSCS Pro & NSCS Pro2
the ultimate software for

Slide captioning and labeling
Picture cataloging & filing
Stock photo management
Submission tracking & pricing
Delivery memos and much more
Featuring:
Thumbnail imaging
Barcode & 7 other types of labels
Up to 6 lines of caption data/label
Powerful search features, including Boolean keywords
User selectable fonts & styles ***and much more. Rave reviews for user friendliness by hundreds of users worldwide***
NSCS Pro (without thumbnail imaging) - $149
NSCS Pro2 (with thumbnail imaging) - $189
Developed by author/photographer Boyd Norton.
Check out our website: www.nscspro.com
or call: 303-674-3009

Photo by: Donna Morus Worcester, Massachusetts

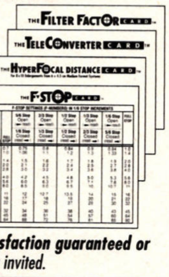
Turn **YOUR PHOTOS** Into
Greeting Cards
No minimum purchase required
Printed on recycled stock with soy-bean based inks
FREE CATALOG & SAMPLE **800-550-9254**
Photographer's Edge, Inc.
855-C Garden of the Gods Rd.• Colo. Spgs, CO 80907
www.photographersedge.com

▲ Circle No. 213 on Reader Service Card.

FIND THE RIGHT SETTINGS FOR GREAT PHOTOGRAPHS

Take the guesswork out of finding the right F-stop settings… Maximize your depth of field…Know your effective focal length and F-stops with teleconverters…Turn filter factors into F-stop adjustments. **Precision Photography Cards** make it easy!

- **F-Stop Card**
- **Hyperfocal Distance Card**
- **Teleconverter Card**
- **Filter Factor Card**



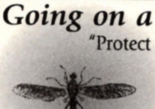
Each laminated, full-page card is precise and easy to use. And, if you order now, you'll receive FREE a handy pocket-size version of each card as a bonus to carry with you anywhere. 8 cards total. At selected retailers or just $19.95 postpaid from Prism Printing. *Order today!* ***Satisfaction guaranteed or your money back.*** *Dealer inquiries invited.*

Please specify camera format for Hyperfocal Distance Card – 35 mm; 6 x 4.5 cm; 6 x 6 cm; 6 x 7 cm; 4 x 5 in; 5 x 7 in; 8 x 10 in.

Send to: Prism Printing and Graphics
P.O. Box 1593, Dept. OP, Barrington, IL 60011

▲ Circle No. 110 on Reader Service Card.

Going on a Photo Adventure?
"Protect Yourself from Biting Insects!"



THE ORIGINAL
BUG SHIRT
THE ONE THAT WORKS!

http://www.bugshirt.com **1-800-998-9096**

(Cont'd from page 69)

wise, one of the century's truly great nature writers, Barry Lopez, began a budding career as a landscape photographer, but gave it up because the reproductions of that time couldn't match his intentions. His 1998 book, *About This Life*, eloquently describes the final straw: "In the summer of 1976, my mother was dying of cancer. To ease her burden and to brighten the sterile room where she lay dying, I made a set of large Cibachrome prints from some of my 35mm Kodachrome images."

He describes them and goes on to say, "It was the only set of prints I would ever make. As good as they were, the reduction in sharpness created a deep doubting about ever wanting to do such a thing again. I hung the images in a few shows, then put them away.... I realized that just as the distance between what I saw and what I was able to record was huge, so was that between what I recorded and what people saw."

Digital enlarging allows me to create prints that come closer to what I saw without embellishing an image with something that wasn't really there by accident or intention. I want to draw honest attention to what really drew my eye—the key moments in the natural world that are most special to me.

LightJet Crystal Archive photographs not only offer the ultimate fidelity in color, sharpness, tonal range and archival stability currently available on any photographic paper, but also further the process of personal discovery for both artist and viewer by minimizing distracting inadequacies. I'm continually amazed at the large fine prints from 35mm that appear to have been taken with medium-format equipment.

For me, shooting 35mm has never looked so good. I can't thank Bill Atkinson enough for showing me how digital imaging complements nature and editorial photography rather than competes with it. When the day comes that a small digital camera can do a better job than my Nikon of recording my emotional experience of the natural world, I'll be ready. The medium may not be the message, but it sure can make a big difference. **OP**

Graphik Dimensions Ltd.©

NEW

Economy Metal Frames

Top Quality Frames at Rock Bottom Prices

8 Fabulous Finishes:
Shiny Black, White, Gold, Frosted Gold, Silver, Frosted Silver, Gunmetal, Frosted Gunmetal.

FREE assembly hardware, hangers, spring clips, wire and wall savers included.

Call Now For Free Samples and 40 page Color Catalog

5/16 #888 7/16

5/16 #777 7/16

Actual Size

Order Information
- Indicate profile and color.
- Provide the exact outside measurements of your artwork.
- Prices are for two equal length frame sides (one Pair). Order two pair to make one frame.
- Fractional sizes are available in 1/8" increments and are priced to the next whole inch.
- Shipping & Handling: Add 10%–Minimum $6.00.
- NC Resident Add 6% Sales Tax.
- Orders ship next business day.

Pair Size	Price	Pair Size	Price
8"	$ 1.36	17"	$ 2.89
9"	1.53	18"	3.06
10"	1.70	19"	3.23
11"	1.87	20"	3.40
12"	2.04	21"	3.57
13"	2.21	22"	3.74
14"	2.38	23"	3.91
15"	2.55	24"	4.08
16"	2.72	25"	4.25

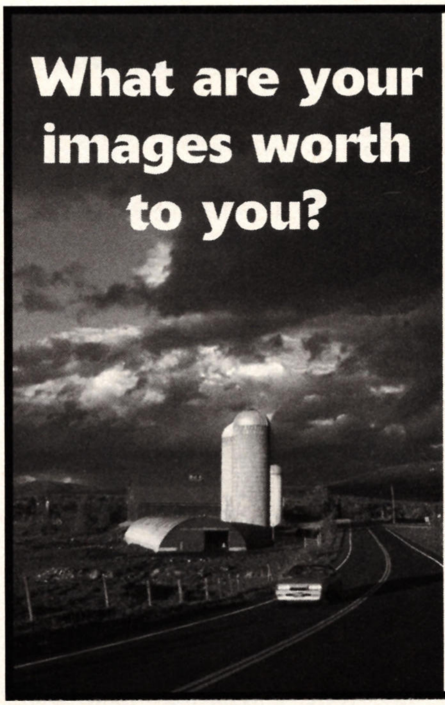
over 25" add 17¢ per inch

100% Satisfaction Guaranteed!

Call Today
1-800-221-0262
Or Fax: 1-336-887-3773
2103 Brentwood Street, High Point, NC 27263

E9F06

▲ Circle No. 150 on Reader Service Card.



For over 18 years the professionals at **Holland Photo** have specialized in strictly monitored E-6 processing, brilliant archival Ilfochrome prints and superior enlargements.

Call today for your FREE mail order info-pack

1-800-477-4024

1221 S. Lamar • Austin, TX • 78704

www.hollandphoto.com
E-mail: info@hollandphoto.com

Holland
PHOTO IMAGING

▲ Circle No. 212 on Reader Service Card.

SUNPATH
Sun Tracking Software
39,000 Locations World Wide
Suunto Compasses & Clinometers
WIDE SCREEN SOFTWARE
818-764-3639 widescreen@pobox.com
www.pobox.com/~widescreen

E-6 and Super Gloss at it's best!
by **CHROMACOLOR**
619-232-9900 • www.chromacolor.com

Calendar Publishers
seeking nature, travel, wildlife and people pictures. For Free guidelines booklet send two 33¢ stamps to: **FOTOBANK-G6, P.O.BOX 3026**
Hollywood, CA 90078-3026

New Version
fotoQuote 3.0™
The software for pricing and selling stock photos
1-800-679-0202
www.cradoc.com

Another Gran View Product

flare buster™

Finally... A flexible, versatile, camera-shoe mounted system, that shades both regular and hard-to-shade zoom lenses!

The kit includes the 11" Flare Buster, 1-4" solid foam shade, 2-4" custom foam vignettes and white, gold and silver micro-reflectors. Holds filters, props... Its uses are only limited by imagination. Only $19.95 +3.95 S&H.

G.V. Inc.
www.granview.com
2050 Executive Drive
Palm Springs, CA 92262
Toll Free 888-993-5273
Fax 760-323-9644
U.S. and Foreign pats. pend.

▲ Circle No. 127 on Reader Service Card.

ENJOY LARGE FORMAT PROFESSIONAL QUALITY AND PERFORMANCE WITH THE EASE AND SIMPLICITY OF A HAND-HELD CAMERA

Gran View

PORTABLE HAND-HELD LARGE-FORMAT CAMERAS

• VERSATILE • Interchangeable from sheet film to roll film. Accepts 4x5 sheet film, ready-load and polaroid film backs as well as roll film adapters. Accepts most 4x5 lenses.

PORTABLE • LIGHTWEIGHT • RUGGED
Less than 3 lbs. Unique body design and impact-resistant ploymer materials enable Gran-View to perform in demanding situations such as aerial photography and remote locations. Ideal for landscapes.

$995.00

G.V. Inc.
www.granview.com
2050 Executive Drive
Palm Springs, CA 92262
Toll Free 888-993-5273
Fax 760-323-9644
Design pat.# 382,578. Other pats. pend.

▲ Circle No. 128 on Reader Service Card.

(Cont'd from page 30)

are spiritual and personal—a heightened sense of joy and understanding of a chosen destination, perhaps nothing more. So it is for modern travelers who follow the path of the Incas over three mountain passes to reach a site of great spiritual and ceremonial significance. Yet Machu Picchu is changing. The walls that have stood well against the forces of nature aren't enduring the influence of Disneyland and its ilk. Like the Spaniards' ruthless pursuit of Inca gold, Peruvians are now sacrificing their heritage in a lust for foreign currency.

Early in the morning, I entered a closed area before government workers appeared to rebuild walls. I watched them use mud for mortar (which was never there in the first place) to fit together an assemblage of white-numbered stones that began at ground level. A supervisor's schematic of the numbered rocks as they had been taken down showed the jagged outline of a typical ruin, but the reconstructed wall before me terminated in a perfect turret of unnumbered rocks several feet higher than what Bingham had uncovered. Behind that turret was another rebuilt one, and another—fabrications to complete what the original structure "might" have looked like.

When I asked the supervisor about the simulation, he gestured toward hundreds of people who had just arrived on the train, and said, "*Turismo.*" His government, with its economy reeling from civil unrest, had ordered him to recreate a virtual Machu Picchu, mimicking the success of orderly American theme parks.

When I learned that our train would not depart until 3 p.m. on the third day, I decided to run the trail in reverse and hop aboard at the start. For seven magical hours without my camera, I retraced the 32 miles past far smaller, but unretouched ruins rising out of the jungle that took on new significance. Like photographs in a scrapbook, they were visions from the past that could be trusted. Machu Picchu, however worth seeing, now seems to me like a digital advertisement in which apparent reality is suspect. **OP**

***Galen Rowell**'s Web address is www.mountainlight.com.*

New for wildlife watchers and photographers...

Get close to wildlife!

Products and strategies to get you up close by eliminating human scent and blending with the environment. Call for free catalog!

Up Close™

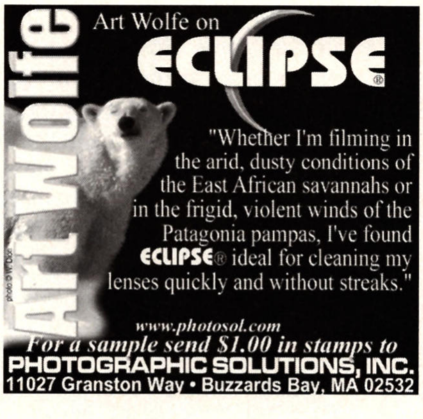
1-800-952-4424 www.up-close.com

▲ Circle No. 103 on Reader Service Card.

Wild Animal
LOOKING FOR PHOTOS
Mating Rituals!

Would you like to have your work published? If you have any interesting photos of Wild Animals engaged in amourous pursuits then we would be interested in hearing from you. Please send non-returnable samples, contact information and licensing requirements to:

ANIMAL RESEARCH INSTITUTE • OP
PO Box 371390 • MONTARA, CA • 94037



Art Wolfe

Art Wolfe on ECLIPSE®

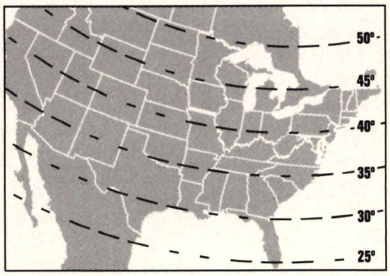
"Whether I'm filming in the arid, dusty conditions of the East African savannahs or in the frigid, violent winds of the Patagonia pampas, I've found ECLIPSE® ideal for cleaning my lenses quickly and without streaks."

www.photosol.com
For a sample send $1.00 in stamps to
PHOTOGRAPHIC SOLUTIONS, INC.
11027 Granston Way • Buzzards Bay, MA 02532

Photo Traveler
Travel Guides Written for Photographers
Wildlife
National Parks
Slot Canyons
and more. For a free catalog:
800-417-4680
P.O. Box 39912, Los Angeles
CA 90039; (323) 660-8600
phototravel@phototravel.com
www.phototravel.com

▲ Circle No. 118 on Reader Service Card.

Outdoor Photographer
YOUR MESSAGE IS READ LOUD & CLEAR
For advertising information, call (310) 820-1500



This chart will help you be in the right place at the right time by allowing you to plan your sunrise, sunset, moonrise and moonset photos ahead of time. You'll know exactly where to be with your camera for the photo composition you want to make long before the sun reaches the horizon. Find the nearest date at top and the latitude nearest your own in the column at left. Where the two intersect, you'll find the true (or map) bearings for rise (R) and set (S), rounded to the nearest degree. When using a compass to find the spot on the horizon where the sun or moon will rise or set, obtain the magnetic declination (variation) for your area from a USGS topographic map or other source. If the declination is east, subtract it from the bearing listed below to obtain the magnetic compass bearing. If the declination is west, add it. The result is the compass bearing to use in the field. *All data in Almanac is based on the comprehensive SUNTRACKER program, written by Charles Krebs, (425) 644-0077, fax (425) 644-1103.*

SUNRISE/SUNSET

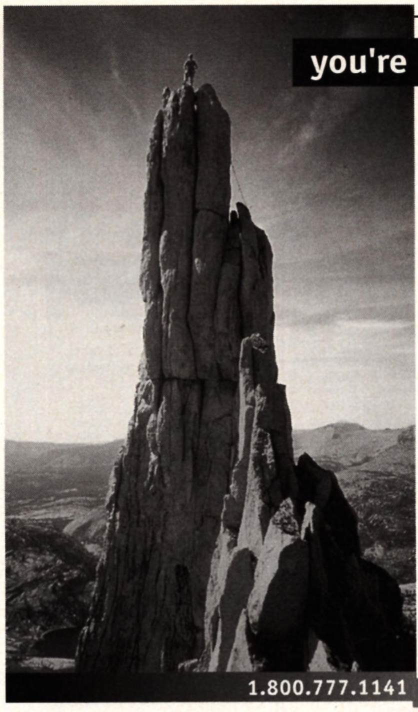
Latitude	June 5	June 12	June 19	June 26
25° N	R-065 S-296	064 296	064 297	064 296
30° N	R-063 S-297	063 298	062 298	062 298
35° N	R-061 S-299	061 299	060 300	060 300
40° N	R-059 S-301	058 302	058 302	058 302
45° N	R-056 S-304	055 305	055 305	055 305
50° N	R-052 S-308	051 309	051 310	051 309
55° N	R-047 S-314	045 315	045 316	045 315
60° N	R-038 S-323	036 324	035 325	035 325
65° N	R-021 S-340	016 344	014 347	014 346
70° N	R- — S- —	— —	— —	— —

FULL MOONRISE/MOONSET

Latitude	June 26	June 27	June 28	June 29
25° N	R-110 S-251	112 249	112 248	112 248
30° N	R-111 S-250	113 248	114 247	113 246
35° N	R-112 S-249	114 247	115 245	115 245
40° N	R-114 S-248	116 245	117 243	116 243
45° N	R-116 S-246	118 243	119 241	119 241
50° N	R-119 S-243	122 240	123 238	122 237
55° N	R-123 S-240	126 236	127 233	126 233
60° N	R-129 S-235	133 230	134 227	133 226
65° N	R-138 S-227	143 220	145 216	143 215
70° N	R-157 S-201	174 185	— —	— —

MOON PHASES

◑ Last Quarter	June 6
● New	June 13
◐ First Quarter	June 20
○ Full Moon	June 28



you're not alone

At Fine Print you have a ***partner*** in the creative process.

We understand the unique needs of ***professional*** photographers and artists who market their work at art shows or galleries.

Our customers demand more and we provide more...***high quality,*** the best value in color printing and the ultimate in ***customer service.***

New clients are accepted on a limited basis, so call one of our customer service representatives today to discover **Fine Print, the professional's choice.**

FINEPRINT

"The leading wholesale color lab for professionals selling their images."

1.800.777.1141 www.fineprint.org

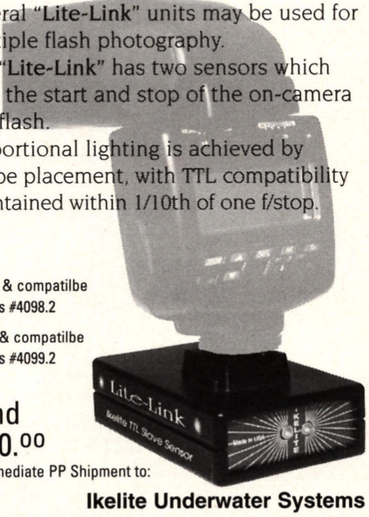
Don't Forget To Say You Saw It In

Outdoor Photographer

For the
latest 128 page, tabloid size, very informative
GrandDaddy
catalog filled with over 4,000 items, which makes it the greatest
of all
in the industry, with a wide selection of
Photo/Video
items, many hard-to-find, also featuring many new
Digital
cameras, scanners, etc.. So get on our mailing list for your FREE
Catalogs
by either going to our web site,
www.porters.com
or **CALL:**
1-800-553-2001

Porter's
Camera Store
Box 628, Dept. 05 OP, Cedar Falls, IA 50613

▲ Circle No. 164 on Reader Service Card.



WIRELESS
TTL SLAVE SENSOR

Lite-Link

Slide most any Nikon or Canon compatible TTL strobe into the "**Lite-Link**" to obtain the same completely wireless TTL that would be provided by a dual cord.
Several "**Lite-Link**" units may be used for multiple flash photography.
The "**Lite-Link**" has two sensors which read the start and stop of the on-camera TTL flash.
Proportional lighting is achieved by strobe placement, with TTL compatibility maintained within 1/10th of one f/stop.

Canon & compatilbe
Models #4098.2

Nikon & compatilbe
Models #4099.2

Send
$150.00
for Immediate PP Shipment to:

Ikelite Underwater Systems
50 W 33rd St. Indianapolis, IN 46208
317.923.4523

Dealer Inquires Invited

CAMBRIDGE

Cambridge Camera Exchange, Inc.

WE MOVED TO A LARGER LOCATION! OUR NEW ADDRESS:
119 WEST 17th ST.
(Between 6th and 7th Avenues)
NEW YORK, NY 10011

WE SHIP ANYWHERE IN THE WORLD • WE ALSO EXPORT & IMPORT

CARING FOR YOU OVER 35 YEARS AND YOUR CAMERA

Visit our Web site at www.cambridgeworld.com

POPULAR PHOTOGRAPHY CHECKRATED STORE

TOLL FREE ORDER LINE: **(800) 221-2253**

STORE HOURS
Weekdays: 9-6
Thursday: 9-7
Sunday: 10-5

SAME DAY & OVERNIGHT DELIVERY AVAILABLE!

INFORMATION & ORDERS: (212) 675-8600
24 HR. FAX ORDER LINE: (212) 463-0093
E-MAIL: bestdeal@cambridgeworld.com
WHOLESALE DEPT. : (212) 924-8660
CUSTOMER SERVICE : (212) 255-3744

VISA · MasterCard · DISCOVER NOVUS · American Express Cards · DINERS CLUB · JCB · COD · MAIL · LEASING AVAILABLE!

A CUSTOMER WRITES: "I really appreciate your service, and it was a pleasure speaking with you over the phone." - J. B. Seymour, IN

CANON

CANON EOS 1 N	1148.50	CANON EOS 1RS	1,795.
CANON EOS IX Lite	224.95	CANON Rebel G	194.95
CANON EOS IX	318.95	CANON Elan II	298.95
CANON Elan II E	328.95	CANON EOS 1	789.50
CANON A2	439.50	CANON A2E(S)	474.95
CANON EOS 3	1198.50	CANON EOS 2000	CALL
CANON AE1, ATI, AE1 Prog., A1, T90, T70, T60			CALL
CANON 380EX	124.95	CANON 540EZ	228.95

LENSES FOR MOST CANON CAMERAS

19-35/3.5	169.95	100 Macro	199.50
24/2.8	199.50	35-105	174.95
28/2.8	148.95	70-210/4	119.95
28-80/3.5	89.95	70-210	699.
35-80/4	76.95	75-300/2.8	158.95

CANON ULTRASONIC (USM) LENSES FOR EOS

17-35/2.8	998.95	20-35/2.8	1,094.		
28-70/2.8	989.	100 Macro	199.50		
28-80/2.8 L	958.95	75-300 IS	438.95		
28-80/3.5	88.95	75-300/4	158.95		
28-105/3.5	178.95	100-300/4.5	218.95		
28-135/3.5	428.95	35-350/3.5	1,389.50		
85/1.8	288.95	85/1.2 L	1175.	600/4	6,999.
14/2.8	1,789.	180/3.5	1,259.	70-200/2.8	1088.95
200/2.8	639.95	300/2.8 L	3549.	400/2.8	5,799.
50/1.4	288.95	100/2	369.95	300/4	855.
2x Auto Focus Tele Converter for Canon					89.95
CANON ELPH (IXUS)	198.95	CANON Z115	168.95		
CANON EPLH 370	268.95	CANON Z135	178.95		

MINOLTA

MINOLTA X370	118.95	X9	188.95	X700	178.95

MINOLTA X370 8 PIECE OUTFIT
- MINOLTA X370
- 35-70 MD Zoom
- Electronic Flash
- Wide Strap
- Slide Viewer
- Lens Cleaning Tissue
- Cleaning Fluid
- Lens Brush

All for Only 234^{95}

MINOLTA X700 8 Piece Outfit			288.95
28/2.8	49.95	135/2.8	49.95
35/2.8	39.95	200/3.5	79.95
300/5.6	119.50	500/8	119.95
28-70/3.5 Zoom Lens for Minolta			99.95
28-200/4 Zoom for Minolta			199.50
35-70/3.5 Zoom Lens for Minolta			69.95
70-210/4 Zoom Lens for Minolta			89.95
75-150 Zoom Lens for Minolta			59.50
75-300/4.5 Zoom Lens for Minolta			169.50
100-500/5.6 Lens for Minolta			449.50
Auto Winder for Most Minolta			39.95
2X Tele Converter	39.95	3x Tele Converter	79.95
Auto Extension Macro Tube for Closeup			49.95
Bounce Zoom Dedicated Flash			69.95
Minolta Weathermatic Dual Kit			138.95
MINOLTA TC1 Titanium			744.95
MINOLTA Action Zoom Kit			63.95

105SEX Kit	128.95	140 EX Kit	218.95	GX1	76.95
GX2	76.95	GX3	76.95	GX4	96.95

MAXXUM

28-200 Autofocus Zoom Lens For The Minolta, Maxxum and Dynax 149^{95}

MAXXUM 500si 8 PIECE OUTFIT
- MAXXUM 500si
- 35-80 Zoom
- Film Holder
- Wide Strap
- Slide Viewer
- Lens Cleaning Tissue
- Cleaning Fluid
- Lens Brush
- Flash

All For Only 298^{95}

MAXXUM XTsi 8 Piece Outfit	369.95
MAXXUM HTSi Outfit As Above	329.95
MAXXUM 9xi 8 Piece Outfit	759.50
MAXXUM 300Si 8 Piece Outfit	234.95
MAXXUM 400Si 8 Piece Outfit	258.95
MAXXUM 600Si 8 Piece Outfit	419.95
MAXXUM 700Si 8 Piece Outfit	564.95
MAXXUM 800Si 8 Piece Outfit	729.50
28-70 Auto Zoom for Maxxum	119.95
28-105 Auto Zoom for Maxxum	148.95
35-135 Auto Zoom for Maxxum	149.95
75-300 Auto Zoom for Maxxum	157.95
MAXXUM Guide Book	12.95
MAXXUM to Screw Mt. Adapter	19.95
Extension Tube Set for Maxxum	99.95
1.4x Auto Focus Tele Converter	99.95
1.5 x Auto Focus Tele Converter	79.95
1.7x Auto Focus Tele Converter	99.95
2x Auto Focus Tele Converter	89.95
T Mount for Maxxum	19.95

EIGHT "EXCELLENTS" OUT OF A POSSIBLE EIGHT!

Cambron 500mm F8 TOP RATED TELEPHOTO LENS

RESOLUTION IN LINES/MM

F	CENTER	F	CORNER	
8	Excellent	52	Excellent	45
11	Excellent	54	Excellent	47
18	Excellent	58	Excellent	48
22	Excellent	52	Excellent	40

Lens Case	9.95	Custom UV Filter	16.95
Custom Shade	9.95	Rotating Polarizer	26.95
Multi Coated Model			Add 29.95
2x Tele Lens for the 500mm Telephoto Converts the Lens to a 1000mm Super Power Telephoto Lens			34^{95}

500MM F8 $\$99^{95}$

modern tests

TELE OUTFIT
- 500mm Camron Tele
- 2X Cambron Focal Length Doubler
- Case for Lens • Custom Sun Shade

All for Only $\$149^{95}$

500MM F/8 COMPACT MULTI COATED MACRO, 10 POWER MIRROR LENS
For most 35mm SLR Cameras $\$199^{95}$

LEICA

CAMBRIDGE IS AN AUTHORIZED LEICA DEALER
WE CAN SUPPLY THE ENTIRE LINE OF LEICA EQUIPMENT AT DISCOUNT PRICES
CALL OUR LEICA EXPERT HANS CULMANN

LEICA Collectors Cameras and Accessories Available Limited Editions Anton Bruckner Commemorative Platinum Leica M6, Gold R3, R4 Gold M4-2 Gold Replicas, Jubilee, Royal Wedding etc. **CALL**

LEICA Einstuck Kit			5,499.
LEICA Mini 35	99^{95}	Leica Mini 3	164^{95}
LEICA Mini II Outfit	129.50	Minilux Zoom	689.50
LEICA Mini II Data Kit	149.50	Mini Zoom Kit	169.95
LEICA Minilux	538.95	LEICA Z2X Kit	208.95
Black Minilux	CALL	LEICA RE	999.
LEICA PLatinum	CALL	LEICA R6 II	1,495.
LEICA M6	1,499.	Gold Leicas	CALL
LEICA Jubilee	CALL	LEICA R7	1,279.
LEICA M6 Himag	1,689.	M6 Titanium	1,995.
LEICA R 8	1,639.	35/2 Aspherical	1,095.
Lenses in Stock	CALL	Digitals	IN STOCK

LARGE SELECTION OF NEW AND USED LEICA LENSES NEW ASPHERICAL LENSES IN STOCK

Leica Book - The First 70 Years			44.95

Above EQ Is Demo

DESIGN WATCH
NEW GOLD M and R Cameras **CALL**

16/8 Zeiss Hologon T	2,695.	21/7.8 Lens	199.50
300mm F5.6 Lens for Leica Reflex			269.50
500mm F8 Lens for Leica Reflex			349.50

KONICA

Konica TCX, FT1, FS1, FP1, TC, T3, A3, T
Konica Lenses **CALL**

KONICA X20	49.95	KONICA x24 & x36	CALL

LENSES FOR KONICA — IN STOCK CALL!

7 ELEMENT TOP QUALITY 2X Multi Coated Auto Tele Converter for Konica 79^{95}

WE HAVE MORE THAN 1,000 LENSES AND ACCESSORIES IN STOCK FOR KONICA CAMERAS, FOR MORE INFORMATION — CALL OUR MAX

KONICA ZUP 135 Super Outfit			148.95
Mini 610Z	118.95	Mini 510Z	108.95
Big Mini Jr Outfit	49.95	ZUP 140	178.95
Hexar Outfit	398.50	Hexar Classic	CALL
RHODIUM	CALL	KONICA REVIO	169.95

UNDERWATER

SEA & SEA Motor Marine II			344.95
SEA & SEA Motor Marine MM-X			228.95
SEA & SEA SX1000	CALL	Ewa-Marine	CALL!
SEA LIFE 35 Waterproof to 100 ft.			78.95
Reefmaster (164 ft. depth)			148.95

NIKONOS V BODY 508^{95}

15 2.8 UW	1369.50	20 2.8 UW	599.95
28 3.5 UW	288.95	80 4 Nikkor	298.50

UNDER WATER VIDEO EQUIPMENT SPECIAL FOR NIKONOS OWNERS!

Nikon SB105 Flash	498.95	Close Up Lens	69.95
12mm F3.5 Lens for Nikonos			798.50
Subal and Ikelite Underwater Housings			CALL

KODAK

ADAVANTIX

2000	44.95	2100	49.95	5800IX	289.95
3200 AF	59.95	3600 ix	68.95	3700	64.95
4100 ix	108.95	5600 MRX	278.95	4800IX	168.95
Collector's Guide to Kodak Cameras					11.95
300 Page Guide Book Kodak Cameras					39.95

LARGE SELECTIONS OF KODAK CHEMICALS AND PAPERS IN STOCK

SAMSUNG

MAXIMA W/38-145 SCHNEIDER VARIOPAN					178.95
60	69.95	70	78.95	Alpha	94.95
705	114.95	105	118.95	90i	138.95
115	136.95	130	158.95	ECX2	166.95
ECX1 w/38-140 Lens	169.95	AF 90			169.50
SAMSUNG SR400 w/1.4 Schneider Lens					369.50

RICOH

RICOH SLR CAMERAS

KR 5	99	XR10M	134.95	KRSIII	134.95
XR 7M	169.95	XRP	CALL	XRM	CALL
Ricoh XR Solar	169.95	XRX3PF			229.95

WE CARRY A LARGE SELECTION OF LENSES AND ACCESSORIES FOR THE RICOH CAMERAS

RICOH Mirai 3	159.95	105 Plus Kit	219.95
RICOH Shot Master Zoom Super			159.95
RICOH Shot Ultra Zoom Kit			149.95
Shotmaster II Zoom Outfit			189.95
TRU-Zoom Outfit	129.95	R1 Ultra Thin Outfit	108.95
Shotmaster 130Z Otft			158.95
Shotmaster 110 PZ Outfit	188.95	RICOH GR1	338.95

FILTERS • FILTERS

WE CARRY MORE THAN 30,000 FILTERS AND ADAPTERS IN STOCK FROM 19MM TO 122MM.

• Cambron • B+W • Hoya • Heliopan • Singh-Ray • Kenko • Sinar • Rodenstock • Tiffen • Kodak • Harrison & Harrison • Lee filters • Cokin System Up to 60% OFF! — Call Jeff for More Information!

28 Minute Video Tape About Filters	19.95
96 Page Filters Book "Using Filters"	12.95

Autofocus Teleconverter for Canon EOS, Minolta Maxxum, Nikon and Pentax Autofocus SLRs **Cambron** 89^{95}

1.7X Autofocus 99^{50}
Telecoverter for most SLR Cameras
1.5X Autofocus 79^{95}
Telecoverter for most SLR Cameras
1.4X Autofocus 99^{95}
Telecoverter for most SLR Cameras

2X Tele Converter for 35mm SLR Cameras Doubles the Focal Length of all your lenses

Low-low Cambridge Price	$39.95
Top Quality Seven Element 2X	$99.95
1.5X Tele Converter	$79.95
Triple Power (3X)	$89.95

ELECT. FLASHES

CAMBRON SV600 Autofocus Bounce Flash			119^{95}
CAMBRON Automatic Pro Ringlight Outfit			99^{95}
CAMBRON Camlite III Slave Handle Mt Strobe			99.50
VIVITAR SER1 600			63.95
VIVITAR 283 Auto Flash Outfit			58.95
VIVITAR 285	72.95	Vivitar 2000	31.95

LUMIQUEST

Pocket Bouncer	15.96	MIDI	19.16
Snoot	18.36	Promax System	39.96
Pocket Bouncer 80-20	16.76	Tabletop Ref	60.00
Soft Box	23.96	Ultra Soft	17.56
Big Bounce	23.96	Mini Soft	15.96

METZ

45 CL1	179.95	45 CL5	339.50	45 CL3	239.95
50 MZ5	529.50	45 CL4	289.95	60 CT4	578.95
SIGMA Autofocus					59.95

SUNPAK FLASH OUTFITS

SUNPAK 4000 AF Outfit	118.95	MZ 440AF			94.95
555	158.95	544	128.95	383 Auto	59.95
433 AF	74.95	388 Auto	49.95	2000 DZ	33.95
622 Pro Kit	228.95	266D	42.95	120S	189.95
622 Super Outfit	288.95	QUANTUM Battery 1			124.95
QUANTUM Bantam	87.	**QUANTUM** Turbo			281.
Turbo Z		Quantum Battery #2			166.
QUANTUM Q Flash Outfit					359.
Large Selection of Studio Flashes Available					CALL

PROJECTORS — VIEWERS

KODAK Carousel Model 4200					164.95
4400	214.95	4600			262.95
4600K	298.95	5600			372.95
Ektagraphic IIIA	326.95	III ABR			468.95
IIIATS	488.95	IIIB	253.	IIIE	248.95
III AMT	418.95	III BR	395.50	AV2051	549.50
VIVITAR 5000AF	126.95	3000 AF			114.95

CAMBRON PROJECTION LENSES

1"	449.50	2"/1.7	89.50	3"/1.7	89.50
4"/2.8	49.50	3.5"/2.8	69.50	7"/3.5	99.50
70mm (3")-120mm (5") F3.5 Super Optic ER Cambron					149^{50}
100mm (4")-150mm (6") F3.5 zoom					129.95
100mm (4")-200mm (8") F3.5 zoom					189.50

ARCHIVAL STORAGE PAGES

100 35mm Slide	14.95	25 Sheet	4.95
100 35mm Negative	11.95	25 Sheet	4.95
100 2-1/4x2-1/4 Panoramic			21.95
100 120, 4x5, 5x7, 8x10			11.95
500 PCS 2x2 Slide Protectors			69.95

Prices shown are those at time copy was submitted to magazine and may change due to suppliers price changes. Suppliers of any item shown may be limited. We will fill orders as long as long as our supplies last. Some advertised items may not be accompanied by the manufacturer's U.S. warranty and may not be eligible for a rebate or refund by the manufacturer. Cambridge provides its own warranty protection. Some items with mfg US Co. guarantee may be additional. Please add estimated shipping and handling charges (Min. $4.75). We insure all shipments. Prices valid through April and beyond. Prices are for mail order. Prices reflect rebates. All bonuses must be requested at time of purchase.

WE GUARANTEE SATISFACTION!
You may return any advertised item ordered, by mail in original condition, with original wrapper and blank guarantee card within 20 days for a cheerful refund. Restocking fee may be applied. Merchandise certificates are good towards purchases of some Cambron accessories.

CULIC #898807

©19998 CAMBRIDGE CAMERA, INC.

EXPOSURE METERS

CAMBRON Duo-Lite	59.95	1° Spot Meter			199.95
CAMBRON 1° Digital Spot					269.95
CAMBRON EMES Flash Meter					99.95

GOSSEN METERS

Scout-3	49.95	Color Pro 2F			489.95
Digital	139.95	Pilot 2	64.95	Ultra Spot 1°	CALL
Luna Lux	114.95	Luna Pro			169.95
Luna Pro F	248.95	Luna Pro SBC			289.95
Panlux	398.95	Multi Pro			338.95
Lunastarf	268.95	Ultra Pro			578.95

MINOLTA METERS

III	148.95	IVF	238.95	IV	399.50
V	468.95	III F Color	718.95	Spot F	348.95
PENTAX 1° Spot Model V					288.95
PENTAX Digital 1° Spot	378.95	**POLARIS**			
SOLIGOR 1° Spot Meter	158.95	**SPECTRA**			CALL

SEKONIC METERS

L158	38.95	L188	63.95	L246	134.95
L308	209.95	L318	159.95	L328	269.95
L398	128.95	L408	398.95	L718	348.95
L508	409.50	L778	649.50	5° ATT	82.95

DARKROOM

Durst Magico	199.50	Omega C700	138.95	LPL

We have more than 5,000 Carriers, Lenses, Condensers and other accessories for Beseler, Durst, Omega, Phillips, Sanders, LPL, Bogen, Minolta, Vivitar, Peterson and other enlargers. Call our Expert — Paul Billings

BESELER

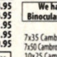
Cadet 35 Outfit	102.99	Printmaker 35	172.50
67 CXL	460.	23 CII XL w/base	417.95
23 CIII XL	576.	45 MXT	907.

ENLARGING LENSES

35/3.5 EL Cambron	59.95	50/2.8 EL Cambron	149.95
50/2.8 Schneider Componons			164.50
50/2.8 EL Nikkor	128.95	135/4.5 EL Cambron	89.95
80/4 Schneider Componons			199.50

WE HAVE MORE THAN 1000 ENLARGING LENSES IN STOCK

BINOCULARS



• BUSHNELL • BAUSCH & LOMB FUJI • CELESTRON • DOCTER JASON • LEITZ • LEICA MINOLTA • NIKON • PENTAX STEINER • SWAROVSKI • SWIFT • ZEISS And Many More IN STOCK

We have one ofthe largest selections of Binoculars, Call Our Specialist —Carl Hoffman

CAMBRON BINOCULARS

7x35 Cambron Sport Glass			39.95
7x50 Cambron Nature	54.95	8x20 Cambron Compact	59.95
10x25 Cambron Compact			79.95
10x50 Cambron Artillery			49.95
20x50 Cambron Super Distance Glass			69^{50}

TRIPODS

CAMBRON TRIPODS

3100	39.95	5000	49.95	5200	69.95
Dolly			99.95	Deluxe Video	99.95

BENBO TRIPODS

Trekker			144.95	Monopod	44.95
#1	189.95	#2	209.95	#3	148.95

BOGEN/MANFROTTO TRIPODS AND ACCESSORIES

3000	77.78	3013	107.67	3131	231.68
3001	54.50	3014	128.76	3124	118.25
3003	95.70	3015	98.87	3150	276.96
3005	95.70	3016	24.95	3170	106.28
3008	28.76	3023	149.99	3220	118.28
3009	19.95	3035	215.72	3235	214.95
3010	89.75	3040	195.45	3237	189.95
3011	64.95	3050	243.90	3260	399.95
Linhof, Bilora, Vivitar, Cullman					CALL

GITZO TRIPODS

220	207.95	222	304.95	224	219.95
345	389.95	410	298.95	500	367.95
1228 Carbon Fiber Reporter			484.95	1338	798.50

SLIK TRIPODS

U600	22.95	U800	33.95	U900	38.95
AF112	82.95	122QF	62.95	U212	74.95
212AF	98.95	322VF	139.95	322AF	144.95
M322	108.95	444	79.95	450G	19.95
444	64.95	500G	23.95	PRO	239.95
TILTALL TRIPOD					99.95

POLAROID

Macro 5 SLR	679.95	SLR 90	369.50
Spectra	79.95	Propack Camera	98.95
Special Passport Camera with Polaroid Back			299^{50}
Mod 203 Passport	598.95	445 Mini Portrait	699.95
545 Holder	149.95	550 Holder	118.95
POLAROID 35mm Auto Processor			88.95

Large Selection of Polaroid Films are in stock. CALL FOR YOUR SPECIAL PRICES!

DIGITAL IMAGING

WE CAN SUPPLY YOU WITH DIGITAL EQUIPMENT FROM THE LOWEST PRICED TO THE HIGHEST PERFORMANCE!

LIMITED OFFER
Famous Brand Digital Camera Outfit 159^{50}

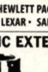
Kodak · OLYMPUS · JVC · SONY · Canon · MINOLTA · RICOH · Panasonic · Konica · Leica · PENTAX · Nikon · AGFA · Polaroid · Vivitar · CASIO · HITACHI · FUJI

HEWLETT PACKARD • EPSON • SAN DISK LEXAR • SANYO AND MUCH MORE...!!

Cambron AUTOMATIC EXTENSION TUBES

For Macro Photography
Set of 3 Different Lengths
Individually Automatic
Use singly or combined
Converts your lenses into a real Macro Lens

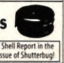
For most 35mm SLR's 89^{95}



FOR MINOLTA MAXXUM $\$99^{95}$
FOR CANON EOS $\$129^{95}$
FOR NIKON & PENTAX AUTOFOCUS $\$129^{95}$

Cambron AC SLAVE STROBE **WIRELESS REMOTE**
19^{95}
3 for $54.95

Cambron ANAMORPHIC LENS
FOR STILL & VIDEO CAMERAS
$\$199^{50}$



See Bob Shell Report in the August Issue of Shutterbug!

Cambron WIRELESS REMOTE SLAVE FLASH 34^{95}

Cambron MICROSCOPE ADAPTER 39^{95}

Leica

Leica M6 TTL and Leica M6 with High Magnification Finder IN STOCK
SF20 TTL Flash!
Gold Leica Replicas CALL

TRIFOCAL 28-35-50 Lens 135/3.4 APO Lens IN STOCK

CAMBRIDGE CAMERA is an Authorized Leica Dealer.

Just Out! The New Latest LEICA Digilux Digital Camera

We are Serving Leica Customers Since 1963. We Sell, Buy, Trade and Rent New, Used and Collectible Leica Cameras, Lenses, Binoculars, Digital Cameras, Projectors, Telescopes, Enlargers, Books and Any Kind of Accessories Made By Leica and Made for Leica. Our Prices? Are Incredible! If You Need Any Leica Camera, Lens or Accessory Just Call Our Leica Expert — Hans Cullman

2X New 2X Tele Converter for Leica Rangefinder Cameras Available in Screw and "M" Mount 499^{50}

ADVANCED PHOTO SYSTEM

CANON

ELPH 490Z	259.95	370Z	268.95
ELPH	198.95	ELPH (JUNIOR)	144.95
GOLD ELPH LIMITED EDITION			598.50

YASHICA

100	62.95	200	82.95	Mate 140	218.95

FUJI ENDEAVOR

260 ix	128.95	310 ix	148.95
1000 ix	238.95	3500 ix	208.95

OLYMPUS APS Centurion • New Pic

KODAK ADVANTIX

2000	44.95	4700 IX	166.95	2100	49.95
3200AF	59.95	5800 MRX	289.95		
4100 ix	108.95	5600 MRX	278.95		

MINOLTA VECTIS

Vectis S-1	172.95	Vectis 40	238.95
Vectis 25	178.95	Vectis 300	244.95
Vectis VC	66.95	VPI Video Player	498.95

NIKON

6i	359.95	30-60	CALL	24-70	118.95		
Nuvis S	248.95	20-60	266.95	60-180	148.95	ProneaS	298.50
Nuvis 110i	189.95	Nuvis125i	169.95	Nuvis 160i	229.95		

CAMBRIDGE VIDEO CENTER

CANON • SONY • JVC • PANASONIC • SHARP

We carry a full line of Canon, Sony, JVC, Panasonic, Sharp and Many Other Brands Camcorders, DV, VCR, DVD, Digital Cameras, Web TV, TV's, Hi-Fi Systems, AV Lasers, DSS, Video Projection Systems, Fax Machines, Telephones, Audio, Walkmans, Radios, Car Stereos, Headphones, Speakers and more items. Call our specialist Dennis for your specials.

CAMBRIDGE IS AN AUTHORIZED CANON, SONY, JVC, PANASONIC, SHARP AND HITACHI DEALER.

WE STOCK PAL SYSTEMS!

FUJI

We have one of the largest selection of Cameras, Lenses, Winders and other accessories for Fuji Cameras. Call our Roger for more information.

FUJI 312 Kit	128.95	FUJI 90	64.95
28-80 3.5 Zoom for Fuji			149.50
35-105 3.5 Lens for Fuji			129.50
80-200 4.5 Zoom for Fuji			149.50

MINOX

Minox APS	CALL	Minox GT	199.50	Minox ML	298.95
MINOX AF	89.95	MINOX GTE	254.95	ECX	259.95
Minox AX	1395.	Touring	294.95	GTX	278.95
EC Package	168.95	LX Chrome	694.95	CD112	208.95
LX Gold	2295.	LX Black	839.50	CD70	114.95
TLX	768.	LX Gold	2,995.	CD25	88.95
MINOX LX Platinum	CALL	MINOX LX Silver			5,495.
Film and Accessories for Minox			CALL	CLX	1299.
The Minox Story 192 Page Book					34.95
Minox Variations in 8x11- 200 Pages					44.95

Above EQ is Demo

CONTAX/YASHICA

CONTAX G1	699.50	28/2.8	349.95	21/2.8	788.50		
CONTAX G2	898.	90/2.8	299.95	35/2	299.95		
16/2.8	1,779.	45/2	214.95	TLA200	238.95		
108 Prog			148.95	FX3 Super	99.95		
Black G2 Outfit		300 AF	218.95	AX	1,399.		
167	398.95	RX	949.	RTS III	1,749.		
S2	948.50	ST	988.	RTS II	CALL	ARIA	CALL
CONTAX Preview	1798.50	300AF			194.95		
T2	498.95	TIX	688.90	TVS	688.95	TVSII	789.95

YASHICA FX3 8 PIECE OUTFIT
- YASHICA FX3
- Lens Brush
- Lens Tissue
- 28-70 Zoom
- Electronic Flash
- Cleaning Fluid
- Wide Strap
- Slide Viewer

All For 219^{95}

108 8 Piece Outfit	269.50	300 AF 8 Piece Outfit	369.50
YASHICA Dental-Eye Macro Outfit Closeup Cameras			899^{50}
YASHICA T4 Outfit	109.95	T4 Super Outfit	118.95

YASHICA MICROTEC OUTFITS

70	88.95	90	113.95	120	142.95	140	234.95

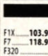
CAMBRON LENSES

We probably carry more type and make lenses than any one else in the world. We stock more than 10,000 lenses! So when you need a lens either for your SLR or any other needs call our lens specialist
LENNY ROBARTS

Multi Coated

20/3.8	199.50	21/7.8	99.95
24/2.8	119.95	28/2.8	79.95.
35/2.8	69.95	45/4.5 soft Focus	189.95
85/2.5 Soft Focus	198.95	100/3.5 Macro	299.50
135/1.8	349.95	135/2.8	79.95
200/2.8	399.50	200/3.3	89.95
300/2.8	1495.	400/5.6 IF	229.50
400/6.3	119.95	400/6.3	99.95
500/8			109.95
85mm F2 Cambron Superb Quality Portrait Lens			149^{50}
420-700/8.3 APO Aspherical Zoom Lens			299^{50}

18-28/4 Auto	299.50	19-35/3.5 Auto	299.50
24-70/3.5 Auto Macro			189.50
28-70/3.5 Auto Macro			169.50
28-80/3.5 Auto Close Focus			169.50
28-105/3.5 Auto Macro			199.50
28-135/3.8 Auto Macro			199.50
28-200/ Macro "One Touch"			249.50
28-300/4 Auto			299.50
35-80/4 Macro Zoom			89.95
35-105/3.5 Macro Zoom			129.50
35-135/3.5 Macro Zoom			169.50
35-200/3.5 Macro "One Touch"			149.50
60-300/4 MAcro One Touch			249.50
70-210/4 Compact Macro			169.95
70-210/4.5 Macro "One Touch"			139.50
75-300/4.5 Auto Macro			299.95
80-200/4.5 Auto Close Focus			129.95
60-300/4 Macro One Touch			199.50
100-400/4.5 Macro			399.50
100-500/5.6 Macro One Touch			449.50
120-600/5.6 Macro Zoom Lens			599.50
1.5x Automatic Converter			79.95
2x Auto. Converter	39.95	3x Auto. Converter	89.95



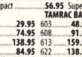
World's Smallest 300mm Lens
CAMBRON 300MM F5.6 COMPACT
This 6-power Compact Mirror Lens is just 2 1/4" long 229^{95}

1000mm F10
- Compact Mirror Lens
- Macro Lens

999^{50}

WORLD'S SMALLEST 500MM LENS

500mm F8 CAMBRON MINIMIRROR TELEPHOTO



Weighs only 11.6 oz
Fits most Autofocus and Manual SLR's
Macro
Hi Resolution, MultiCoated
Just 3.4" in Length
Handheld Tele Shots
299^{50}

"Smaller and Smaller: 500mm f/8 Cambron is but 3-5/8 inches long, 2-3/4 inches in diameter, weighs but 12 ounces, and can do incredible things," says Mr. Keppler in the Popular Photography's November issue.

CASES

DOMKE BAGS

F1X	103.95	F1XB	39.60	F2	81.48
F7	118.95	F5X8	39.95	F-3X	64.95
F320					53.95

Billingham, Fotima, Cullmann, Pelican, Fogg

LOWE PRO

Commercial	191.95	Elite Conv	37.
Specialist	84.95	Magnum	161.95
Pro 35	86.95	Phototrekker	144.95
Compact	56.95	Super Trekker	389.95

TAMRAC BAGS

602	29.95	603	48.95	604	64.95
606	74.95	608	91.95	610	118.95
612	138.95	613	159.95	614	178.95
620	84.95	622	138.95	636	79.95.
623XP	154.95	660	278.95	646	199.50
652	218.95	750	78.95	752	94.95
757	128.95	777	178.95	787	198.95

TENBA

P995	197.95	P895	164.95	P795	158.95
534	82.	513	98.95	415	82.50

VIVITAR

19-35 SER1	128.95	28-300 SER1	218.95
24-70 F3.5 Macro SER1			158.95
28-70/2.8 Vivitar SER1			158.95
28-105/2.8 Vivitar SER1			158.95
70-210/2.8 Vivitar SER1			178.95
105/2.5 Vivitar SER1 Macro			298.95
17-28/4	108.95	300/5.6 Viv	118.95
19/3.5 Viv	89.95	135/2.8 Viv	51.95
24/2.8 Viv	58.95	200/3.5 Viv	99.97
28/2.8 Viv	44.95	500/8	98.95
28-70/3.5	78.95	28-80/3.5	84.95
28-105 3.5-4.5	118.95	28-300/4	179.95
28-135 3.5-4.5 Macro	99.95	100 Macro	108.95
28-210 3.5-5.6	129.95	35-70	64.95
70-210 4.5 Macro One Touch			71.95
70-300 4.2 Macro Vivitar			124.95
100-300/5.6 Vivitar	108.95	100-400/4.5	189.95
120-600/5.6-8	499.	100-500/5.6-8	399.95
2x Auto Teleconverter	19.95	1.4x Converter	39.95
2x Macro Converter			62.95
3x Auto Teleconverter			68.95

Cambron TTL

2x Teleconverter for Cambron TTL & for other Screw Mount Cameras 29^{95}

35mm Single Lens Reflex
- 58mm F/2 Automatic Lens
- Interchangeable Lenses
- Universal Screw Mount
- Internal CdS Metering
- Self Timer • All Metal Body
- $50 Merchds. Certificate

99^{95}

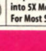
6 PIECE CAMBRON TTL OUTFIT
- Cambron TTL Body
- Lens Case
- 58mm F/2 Auto Lens
- Custom Shade
- 135mm Telephoto Lens
- Camera Case

139^{95}

CAMBRON TTL SCREWMOUNT BODY 79^{95}

CAMBRON TTL with 85+135 Lens 169^{95}

Cambron 8X LOUPE
Clear Base Magnifier to View the Entire Frame $\$9^{95}$



Cambron INSTA-SCOPE
Turns your 35mm Lens into a Spotting Scope, a Zoom Telephoto into 20X Spotting Scope or a 50mm Normal Lens into 5X Monocular.
For Most SLR Cameras 69^{95}

NIKON

NIKON USA HEADQUARTERS
We sell the famous Nikon line and carry one of the world's largest selection of lenses and accessories.
Call Our Nikon Specialist **STEVE NEWMAN**

Nikon F5	1898.	FM10	159.95	FE10	194.95
F4S	1495.	N6000	308.95	Pronea 6i	359.95
Nikon F90X-N90S	689.50	N70 (F70)			338.95
N6006	288.95	FM 2	357.95	N50	224.95
N70 F70 Data	399.50	FM2 Titanium			598.95
F100	1,289.	N60 (F60)	244.95	Pronea S	298.50
Nikon F3, F3T, F3HP, FA, FE, FE2, FM, FG, EM					CALL
SB28	246.95	SB22S	139.95	MF26	199.95

NEW LATEST NIKKOR AF LENSES

20/2.8	384.95	24/2.8	258.95		
28/2.8	158.95	20-35/2.8	1,448.50		
28-70/3.5	244.95	28-80/3.5	118.95		
28-85/3.5	324.95	35-70/2.8	489.95		
50/1.4	199.95	60/2.8	278.95		
105/2.8	468.95	300/4	739.95	300/2.8	3899.50
400/2.8	6,850.	600/4	7,995.	28-70/2.8	
28-105	CALL	35-80/4	76.95	24-120	378.95
28-200/3.5	378.95	35-105/3.5	268.95		
35-135/3.5	338.95	70-180/4.5	729.88		
70-210/4	218.95	75-300/4.5	259.50		
80-200/4.5	118.95	80-200/2.8	678.95		
1.4x Auto Focus "D" Teleconverter for Nikon					99.95
2x 4 Element AFD Tele for Nikon					99.95
2x 7 Element AFD Tele for Nikon					149.50
Nikon Ti35	489.50	Nikon 28Ti	739.50		

OLYMPUS

Olympus IS-20 Camera Outfit			287^{95}
Olympus OM 2000 Outfit Interchangeable Lens System			169^{95}
Olympus IS3 Outfit			329.95
Olympus IS3 Data Kit	248.95	Olympus IS 10 Kit	249.95

LENSES FOR MOST OLYMPUS CAMERAS

Macro Lenses			29.95
15mm Fish Eye Lens			129.50
28mm Wide Angle Lens			49.95
200mm Telephoto Lens			49.95
270mm Telephoto Lens			119.95
Olympus G40 Flash			168.95

Olympus Stylus Outfit			78.95
Olympus Stylus Zoom Outfit			138.95
Stylus 105 Zoom Outfit			168.95
Olympus Stylus Epic Kit	87.95	Stylus 115 Kit	177.95
Olympus Stylus 140 Kit			227.95
Accura 105	158.95	Accura 80	104.95
Olympus Trip 200	34.95	Ecru and O-Product	CALL
LT1 Outfit	138.95	LT 105	228.95
Olympus Stylus Epic 80 Outfit			168.95
Olympus Accura 105 Kit			158.95
Olympus OM 4T	878.50	Olympus OM3Ti	1278.95

Large Selections Of Olympus OM Cameras, Lenses And Accessories in Stock — CALL!

2x Teleconverter for Olympus 39^{95}

PENTAX

K1000	148.95	PT30	148.95	PZ1	329.50
LX	CALL	ZXM	149.95	ZX50	178.95
Pentax 6x7 and 645	CALL	Pentax PZI			329.50
XZ-X5 w/Flash	229.95	ZX10 (MZ50)	217.95	ZX5"N	328.95

PENTAX ZX50 8 PIECE OUTFIT
- Pentax PZ70
- 35-70 Zoom
- Film Holder
- Brush
- Strap
- Lens Cleaning Tissue
- Cleaning Fluid
- Slide Viewer

All for Only 259^{95}

Pentax K1000 8 Piece Outfit	249.50
Pentax PT30 8 Piece Outfit	259.50
Pentax ZXM 8 Piece Outfit	199.95
PentaxZX "N" 8 Piece Outfit	399.50

LENSES FOR PENTAX CAMERAS

24/2.8	79.95	50/1.4	139.95	28-105/3.5	149.95
28/2.8	59.95	50/1.7	49.95	28-200/4	179.95
50/2.8 Mac	199.50	60-300/4			169.95
28-70/3.5	99.95	100-500/5.6			499.50
Extension Tube for Macro Photography					69.95
Pentax UC1 (ESP10 Mini)					128.95

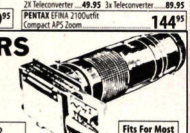
PENTAX IQ ZOOM OUTFITS

IQ 160	228.95	80 E	108.95	IQ 140	187.95
IQ 120	148.95	IQ 110	198.95	IQ 115	159.95
IQ 200	287.95	IQ 835	178.95	IQ 105WR	188.95
IQ 928	156.95	EZY	78.95	IQ 90MC	158.95
2X Teleconverter	49.95	3x Teleconverter			89.95

PENTAX EFINA 2100utfit Compact APS Zoom 144^{95}

Cambron SLIDE COPIERS

The Most Complete and Versatile SLIDE COPIER with Multicoated Hi Resolution Macro Lens
1x to 2.5x Auto Focus
ZOOM SLIDE CONVERTER $\$79^{95}$



NEW! 1x-5x Slide Improver 129^{95}
1:1 Slide Duplicator 59^{95}

SLIDE IMPROVER 6x6 (2 ¼ x 2 ¼) 169^{95}

Fits For Most 35mm SLR's

FILM

KODAK 35MM SLIDE FILM

	ASA	24	24 w/p	36	36 w/p
KM	25	3.94	6.99	5.52	9.29
KR	64	3.94	6.95	4.36	8.69
EA	50	4.15	6.95	5.85	9.45
EB	100	3.55	6.79	3.35	6.70
ET	160	4.85	7.65	6.36	9.48
ED	200	4.55	7.75	5.10	8.09
KL	200	4.18	8.18	7.05	11.19
KPA	40	—	—	7.75	11.20
UW		—	—	6.90	10.99
EB	100	4.49	7.09	3.29	6.29
LLP	100	—	—	6.74	11.49
EIR	INF	—	—	17.49	21.95
EL	400	5.35	8.70	5.64	8.56
EZ	400	6.19	9.79	8.00	11.60
EES	1600	—	—	8.35	11.95
HCS	EKTA	—	—	4.15	7.77

KODAK 35MM PRO SLIDE FILM

	ASA	36	36 w/p	100 ft
PKM	25	7.49	11.98	—
PKR	64	7.49	11.98	—
PKL	200	8.49	12.84	—
EPY	64	5.99	8.95	81.95
EPR	64	5.99	9.95	89.95
E100S/SW	100	5.89	9.95	94.95
EPN	100	4.89	10.49	89.95
EPP	100	4.99	9.95	89.95
EPT	160	8.49	12.58	96.95
EPD	200	7.98	10.99	96.95
E200	200	6.79	9.99	93.95
EPJ	320T	7.99	10.95	—
EPL	400	8.79	10.75	109.95
EPH	1600	10.59	14.68	—
5071	DUP	6.49	10.58	14.95

KODAK 120/220 PRO SLIDE FILM

	ASA	120	220		ASA	120	220
EPR	64	4.19	8.61	EPY	64	4.09	—
EPN	100	4.29	8.39	E100S/SW	100	4.19	8.38
EPP	100	4.10	8.20	EPT	160	4.65	—
EPD	200	4.59	9.30	EPL	400	5.30	—

WEDDING EDITION PARTY 6 PACK
Five-35mm Onetime Use Camera 32^{95}

POLAROID AND FORTE B/W FILM CALL

PREPAID PROCESSING MAILERS

DP12	3.89	DP24	6.25	DP36	8.35
24 Exp. Slide	2.99	36 Exp. Slide			4.09
120 Slide Film	5.49	220 Slide Film			9.95
PK 59	5.49	DP 15	5.89	DDP 24	7.49
DDP 12/24E	7.49	PP 1218			14.95
PP 7030	16.50	APS 15 exp.			7.95
APS 25 exp.	9.29	APS 40 exp.			13.85

DAYLIGHT FILM LOADER

Top Quality	9.95	Deluxe Model	14.95
Watson	14.75	Film Shield	9.50
Reloadable Cassettes			10 for 2.89

KODAK COLOR PRINT FILMS

	ASA	24	24 w/p	36	36 w/p
RA	100	3.09	9.37	4.09	12.24
RB	200	3.72	9.95	4.75	12.99
RC	400	4.05	16.25	5.25	13.49
RF	1000	4.99	11.25	6.44	14.35
GA	100	1.76	7.90	2.18	10.25
GB	200	2.04	8.35	2.49	10.50
GC	400	2.30	8.50	2.75	10.99
GT	MAX	3.90	10.20	5.60	13.89
GF	1600	4.50	10.90	5.99	13.90

KODAK 35MM NEGATIVE/PRINT FILM

	ASA	36	36 w/p	100 ft
VPS	160	5.09	13.34	40.95
PHR	25	5.49	13.74	—
PRN	100	3.99	13.60	—
PMC	400	5.49	13.74	—
PPF	400	5.35	13.60	—
PMZ	1000	6.19	14.74	—
PJA	100	2.79	11.94	—
PJM	640	3.85	12.54	—
PJC	1600	4.09	13.84	—
Portra 160NC	160	5.69	13.99	—
Portra 160VC	160	5.69	13.99	—
Portra 400NC	400	5.89	13.99	—
Portra 400NC	400	5.89	13.99	—

	ASA	120	220		ASA	120	220
VPS	160	2.50	5.25	PHR	25	3.99	—
PRN	100	3.30	6.59	PPF	400	3.39	6.79
PMC	400	3.39	6.79	PMZ	1000	3.69	7.40

KODAK 35MM PRO B&W FILM

	ASA	24	w/p	36	w/p	100 ft
PX	125	2.09	9.86	2.59	11.84	29.95
TX	400	2.19	8.78	2.49	11.74	33.95
TMX	100	2.19	8.98	2.58	12.04	35.95
TMY	400	2.25	9.16	2.58	12.00	36.95
TMZ	3200	—	—	3.49	12.94	79.95
TP	Copy	—	—	6.19	14.35	—

	ASA	120	220		ASA	120	220
TMX	100	2.49	—	VP	125	2.19	—
PXP	125	2.50	5.10	TXP	320	—	24.95
TX	400	2.49	—	TMY	400	2.59	—
TP	Copy	4.99	—				

KONICA FILM

ASA	24	36	36 w/p	120	220
Impressa 50		3.88	4.85	13.50	—
100	1.59	1.79	10.19	2.49	—
200	1.99	1.89	11.88	—	—
400	1.69	3.75	12.19	3.39	—
3200	6.19	7.39	15.39	4.76	—

ILFORD FILM

ASA	24	36	120	220	100 ft
FP-4 125	1.93	2.49	1.93	25.50	26.75
XP-2 400	2.08	284	1.97	—	31.95
HPS 400	1.84	2.54	1.83	25.50	29.75
Delta 100	2.26	2.76	—	—	35.50
Delta 400	2.44	2.89	2.44	25.75	34.95
NEO 800					

SFX 200 INF 36 Exp. 614 Delta 3200 36 Exp. 4.59

FUJI SLIDE FILM

	ASA	24	w/p	36	w/p	100 ft
Astia	100	—	—	5.45	8.99	72.95
Sensia II	100	—	—	3.39	6.29	—
Provia	100	—	—	4.99	7.99	77.77
RH	400	4.44	7.25	5.30	7.95	—
Velva	50	—	—	5.29	8.29	77.77
RFP	50	—	—	4.94	8.25	63.90
RTP	64	—	—	5.39	8.45	72.00
RDP	100	—	—	4.39	8.90	66.95
Sensia	200	3.24	8.25	3.99	7.19	—
RHP	400	—	—	5.00	7.95	86.90
Sensia	400	4.35	7.89	5.19	8.15	—
Provia	400	—	—	6.74	9.88	101.95
Provia	1600	—	—	8.19	13.95	—

	ASA	120	220		ASA	120	220
RVP	50	3.14	6.85	RFP	50	3.38	—
RTP	64	3.36	—	Provia	100	3.89	6.69
RHP	400	4.49	—	Astia	100	3.49	7.89
RDP	100	3.49	6.49				
NPS	160	2.22	5.55	MLP	160	2.80	—
NHG	400	3.20	6.49	Neopan	400	2.19	—
NHG II	800	3.89	7.89	NPH	400	3.49	6.49

FUJI FILM

	ASA	135-24	24 w/p	135-36	36 w/p
CN	100	1.56	7.99	1.90	9.89
Neopan	100	1.67	7.99	1.86	10.75
NPS	160	—	—	3.24	11.49
CA	200	1.86	8.15	2.19	10.50
Neopan	400	—	—	2.46	11.15
CH	400	2.06	8.40	2.86	11.11
NHG	400	—	—	5.16	12.75
NPH	400	—	—	3.66	12.18
Press	400				
NHG II	800	—	—	6.29	14.50
CZ Press	800	—	—	3.49	12.22
CU	1600	3.16	9.50	3.96	13.20
Neopan	1600	—	—	3.19	12.25
Reala	100	2.36	8.50	2.76	11.00

Reala 120 Roll Film 2.22 Reala 220 Roll Film 5.65

AGFA FILMS

	ASA	24	36	36 w/p	120	220	100 ft.
HDC	100	2.96	3.65	12.05	—	—	—
HDC	400	3.75	4.45	12.99	—	—	—
CTX	100	4.22	4.99	9.25	—	—	—
APX	25	—	3.23	13.95	2.09	—	—
APX	100	2.89	2.98	9.58	2.09	—	48.43
APX	400	—	3.08	9.45	2.19	—	49.95
Ultra	50	2.99	3.89	12.89	3.38	—	—
Optima	100	3.48	3.89	12.69	2.97	—	45.75
Optima	200	3.65	4.19	13.69	3.09	6.49	—
Optima	400	3.96	4.48	13.89	4.39	6.49	—
Portrait	160	3.34	3.88	12.99	2.79	—	44.95
XRS	400	4.29	4.29	13.49	3.69	8.99	—
RSX	50	—	4.96	9.25	3.39	—	—
RSX	100	—	5.49	9.95	3.69	—	—
RSX	200	—	5.96	9.95	3.99	—	—
Scala	200	—	7.95	15.50	4.89	—	—

Cambron 60-Second I.D. & Passport Cameras

With Polaroid Back
2 OR 4 PICTURES WITH ONE EXPOSURE!

Model II (2 Passports and ID) **$499.50** Model IV (4 IDs) **$549.50**

SIGMA

8/4	499.50	14/3.5	469.50	15/2.8	399.50
18/3.5	269.95	24/2.8	96.95	500/8	199.50
14/2.8		300/4APO	514.95	300/2.8APO	1895.
400/5.6 APO	378.95	28/1.8APO			147.95
400/5.6 Macro	529.50	50/2.8 Macro			164.95
90 2.8 Macro	227.95	500/7.2 APO			299.95
135/2.8	69.95	500/4.5 APO			289.95
180/5.6 APO	248.95	600/8			279.95
180/2.8 APO	628.95	800/5.6 APO			4895
21-35/3.5	239.95	1000/8APO			3795
28-105/4	138.95	28-105/2.8			178.95
28-200/3.8	148.95	28-70 UC			69.95
17-35/2.8		35-80/4	69.95	100-300/4	109.95
28-70/2.8	248.95	28-70/2.8-4			104.95
28-80/3.5	79.95	70-210/4 Macro			84.95
18-35/3.5	389.50	135-400 APO			429.95
75-300 APO Macro	198.95	70-210 APO Macro			174.95
70-210/2.8 APO Macro	479.50	170-500 APO			577.95
70-210/4 UC	74.95	70-200/2.8			109.95
75-300 Mac Zm	148.95	24-70			134.95
70-300/4.5	164.95	70-300/4.5 APO			259.95
Sigma 2X Tele Extender	119.95	1.4X			138.95
Above Universal MI Bayonet add					14.95

SIGMA SA 300 Kit 35-80 Zoom Lens 299^{95} SIGMA SA5 329^{95}

SIGMA SA 300 Kit with 28-70 Zoom Lens	369.95
SIGMA SA 300 Kit with 28-105 Zoom Lens	379.95
SIGMA 300 Kit with 28-200 Zoom Lens	399.95

TAMRON

17/3.5	294.95	90/2.5	194.95		
24/2.5	214.95	180/2.5	549.95		
28/2.8	58.95	300/2.8	1450		
135/2.8	74.95	400/4	1799.50		
200/3.5	88.75	500/8 Mir	239.95		
28-200/3.8	238.50	28-70	99.95		
70-150/3.8	129.50	70-210/2.8	698.95		
35-105/2.8	439.95	70-210/4	99.95		
35-70/3.5	83.95	80-200/2.8	585.		
35-135/3.5	199.95	200-500/5.6	879.95		
70-210/3.5	249.95	70-210 AF	94.95		
2X Flat	64.95	Custom 2X	119.95		
2x Converter	79.	2x7EL Conv	69.95		
2x4EL Conv	29.95	1.4X AF	79.95		

TAMRON LENSES FOR AUTO FOCUS CAMERAS

14/2.8	1,095	20-40/2.7	548.95		
24-70/3.5	158.95	28-80	89.95		
35-105/2.8	519.95	28-200/3.8	238.95		
70-210/4	98.95	300 2.8	1,995.		
85-210	89.95	90/2.8	344.95		
70-300/4	218.95	70-210/2.8	698.95		
28-70/3.5	94.95	2x Tele	109.95	100-300/5	144.95
70-300/4	179.95	28-105/4	128.95		
28-105/2.8	679.50	200-400/5.6	399.95		

TAMRON FOTOVIX

Model IIXS	1,598.95	Model IIIS-D	848.95
Model IIIS			748.95
Digital	899.50	Editor II	578.95

TOKINA

17/3.5	166.95	28/2.8	48.95		
135/2.8	78.95	200/3.5	118.95		
300/5.5	138.95	400/5.6	208.95		
500/8 Mini Mirror Lens			179.95		
24-40/2.8	234.95	90/2.5 Mac	188.95		
80-200/2.8	398.95	100-300/4	328.95		
150-500/5.6	739.50	300/2.8	1239		
24-70/3.5	158.95	28-200/3.5	139.95		
28-70/3.5	79.95	60-300/4	134.50		
28-70/2.8	88.95	70-210/4	79.95		

TOKINA LENSES FOR AUTOFOCUS CAMERAS

35-300 ATX	259.95	20-35/2.8	699.95		
20-35 F3.5	198.95	28-200/3.5	148.95		
28-70/2.8	134.95	35-300/4.5	219.95		
28-70/3.5	124.95	70-210/4	94.95		
17/3.5	269.95	75-300/4.5	178.95		
24-40/2.8	388.95	100/2.8M	358.95		
28-70/2.8	238.95	28-80/3.5	94.95		
28-300/4	214.95	100-300/5.6	119..95		
300/2.8	1699.95	80-200/2.8	568.95		
400/5.6	368.95	28-70/2.6	328.50		
100-300/4	758.50	300/4	599.95		
80-400	398.95	28-210/3.5		100-300/5.6	

KENKO

1.5x Teleconverter	74.95	2x Teleconverter	49.95
2x 7 Element Teleconverter			119.95
12mm Auto. Tube	59.95	25mm Auto. Tube	64.95
Extension Tube Set	99.95	420-700/8.3 Lens	189.95

Cambron DIGIT-ALL

1° SPOT METER 199^{95}

THREE-WAY DIGITALL LIGHTMETER
- Incident Light
- Flash Exposure
- Reflected Light

$\$199^{95}$

Cambron EMES FLASH METER 99^{95}

Cambron DUO LITE SUPER SENSITIVE EXPOSURE METER 59^{95}

HASSELBLAD

HASSELBLAD 7 Pc. 501cm Outfit With Accumate Screen **2,695.**

HASSELBLAD 501CM, 503CW, 503CXi, 553ELX, 555ELD, 201F, 202FA, 203FE, 205FLL, 903CSW

Get More Information From Our Hasselblad Experts. Ask For Steve or Norman

LARGE SELECTION OF HASSELBLAD LENSES AND HASSELBLAD ACCESSORIES IN STOCK

500/8 Tele Lens for Hasselblad	399^{50}
Polaroid Back for Hasselblad	228.95
TTL Prism Finder for Hasselblad	399^{50}
Prism Finder for Hasselblad	299.50
Special adapter to use Hasselblad Lenses on Nikon, Canon, Contax & other SLR's Cameras	169^{95}
BEATTIE Inter Screen	129.95
2X Auto Tele Converter for Hasy	229.50
Hasselblad System 208 Page Book	24.95

BRONICA

ETRSI OUTFIT 799^{50} **BRONICA SQA1 BASIC** 899^{50}

ETRS LENSES

40/4	899.	150/3.5	639.	50/2.8	799.
200/4.5	949.	75/2.8	549.	250/5.6	999.
180/4.5	1449.	2x Tele.	649.	W L Finder	99.
BEATTIE Inter Screen					114.95
120 or 220 Film Holder					209.
Prism Fndr	349.50	AEII Finder			789.
Polaroid Back for Bronica ETR					158.95
The Bronica Manual 175 Pages					24.95

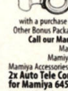
Above Bronica EQ is Demo

ROLLEI

Large selection of Rollei cameras, lenses, accessories and collectors cameras in stock.

EXAKTA 66 Model III 6 piece outfit with 80/2.8 multicoated lens	$1{,}299^{50}$
WIDELUX 140° 35mm Panoramic camera with F2.8 lens!	$1{,}649^{50}$
WIDELUX 150° 2 ¼ Panoramic camera with F2.8 lens!	$3{,}499^{50}$

MAMIYA



USA HEADQUARTERS THE ENTIRE MAMIYA LINE IS AVAILABLE AT SPECIAL DISCOUNT PRICES!
At Cambridge **CALL!**
FREE BONUS! 256 Page Mamiya Pro System Book with a purchase of any Mamiya camera or lens!
Other Bonus Packages up to **$1,300** also available.
Call our Mamiya expert Henry Stein.
Mamiya RZ, RB, C330
Mamiya 6, 7, M645, M645SV

Mamiya Accessories	IN STOCK
2x Auto Tele Converter for Mamiya 645 with case	229^{95}
Polaroid Back for Mamiya 645	269.50
Special Adapter to use Mamiya Lenses on Nikon, Canon, Contax and other 35mm SLR	199^{95}

If you're serious about going digital . . .

contact us . . .

1-800-477-0022

or

www.camerasound.com

ΛΩ

SONY

U.S.A. Authorized Dealers

For a limited time only, trade in any 35MM SLR and receive a $250 credit towards the purchase of any Digital Camera.

The FILM SHOP™

140 58th St. Suite 4E
Brooklyn, NY 11220
1-888-FILMSHOP
718-491-4333
FAX 718-491-4499

CALL TOLL FREE 1-888-345-6746

CALL TODAY FOR YOUR FREE COLOR CATALOG

KODAK

POTRA NEW!

160 ASA	USA	IMPORT
NC 120	3.79	3.49
NC 220	7.79	7.29
NC 135-36	6.25	5.79
VC 120	3.79	3.49
VC 220	7.79	7.29
VC 135-36	6.25	5.79
400 ASA		
NC 120	4.19	3.79
NC 220	8.29	7.79
NC 135-36	6.49	6.29
VC 120	4.19	3.79
VC 220	8.29	7.79
VC 135-36	6.49	6.29

VERICOLOR

100 ASA	USA	IMPORT
PRN 120	3.69	2.99
PRN 220	6.99	N/A
PRN 135-36	5.55	N/A
160 ASA		
VPS 120	3.69	3.19
VPS 220	6.99	6.19
VPS 135-24	3.99	N/A
VPS 135-36	5.99	4.49
400 ASA		
PMC 120	3.69	N/A
PMC 220	6.99	N/A
PMC 135-36	5.79	N/A
PPF 120	3.69	N/A
PPF 220	7699	N/A
PPF 135-36	5.69	N/A
1000 ASA		
PMZ 120	3.99	N/A
PMZ 220	9.95	N/A
PMZ 135-36	6.29	N/A

KODAKCOLOR

	USA	IMPORT ENGLISH	NON
100 ASA			
GA120	2.09	N/A	N/A
GA 135-12	2.25	1.95	N/A
GA 135-24	2.99	2.19	1.89
GA 135-36	3.99	2.69	2.49
200 ASA			
GB 135-12	2.69	2.20	N/A
GB 135-24	3.49	2.85	2.49
GB 135-36	4.79	3.39	2.79
400 ASA			
GC 135-12	2.69	2.35	N/A
GC 135-24	3.89	2.95	2.49
GC 135-36	4.99	3.75	3.29
800 ASA GOLD MAX NEW			
GT 135-24	3.99	3.79	N/A
GT 135-36	5.59	4.99	N/A

MULTI-PACK

GA 4 PACK	100	7.99
GB 4 PACK	200	8.99
GC 4 PACK	400	9.49
GT 4 PACK	800	10.95

KODACHROME
SELECT

KM 135-36	25	6.09
KR 135-36	64	5.79
KR 135-36	Twin	4.99
KL 135-36	200	7.49

ROYAL
SELECT

RA 135-24	100	3.39
RA 135-36	100	4.69
RB 135-24	200	4.19
RB 135-36	200	5.39
RC 135-24	400	4.49
RC 135-36	400	5.79

B&W

		USA	IMPORT
TP120	*25 ASA*	4.99	N/A
TP 135-36		5.79	N/A
TP 150ft.		65.49	N/A
TMX 120	*100 ASA*	2.39	2.09
TMX 135-24		2.69	2.39
TMX 135-36		3.39	2.79
TMX 402		28.99	N/A
TMY 120	*400 ASA*	2.59	2.19
TMY 135-24		2.79	2.29
TMY 135-36		3.49	2.89
TMY 402		28.95	N/A
TMX CN 135-24		3.25	2.99
TMX CN 135-36		3.99	3.79
TMX CN 120		2.89	2.69
TMZ 135-36	*3200 ASA*	3.99	N/A
PX 135-24	*125 ASA*	2.69	2.19
PX 135-36		3.19	2.69
PXP 120	*125 ASA*	2.69	N/A
PXP 220		5.10	N/A
TX 135-24	*400 ASA*	2.49	2.19
TX 135-36		3.25	2.69
TX 120	*400 ASA*	2.29	2.09
TX 402		29.95	N/A
TXP 120	*320 ASA*	2.69	2.45
TXP 220		5.39	N/A

EKTACHROME PROFESSIONAL

64		
EPR 120	3.49	N/A
EPR 135-36	6.99	N/A
64T		
EPY 120	3.79	N/A
EPY 135-36	6.99	N/A
100		
E100S 120	4.19	3.99
E100S135-36	6.99	6.49
E100SW 120	4.19	3.99
E100SW135-36	6.99	6.49
100 PLUS		
EPP 120	3.75	3.29
EPP 135-36	6.59	5.49
EPP 404	74.95	N/A
100		
EPN 135-36	7.49	6.49
160T		
EPT 135-36	7.99	7.49
200		
E200 120	4.79	N/A
E200 135-36	7.69	7.29
400		
EPL 135-36	8.79	N/A
ESD663-5071	40.95	N/A
EIR 135-36	17.95	N/A

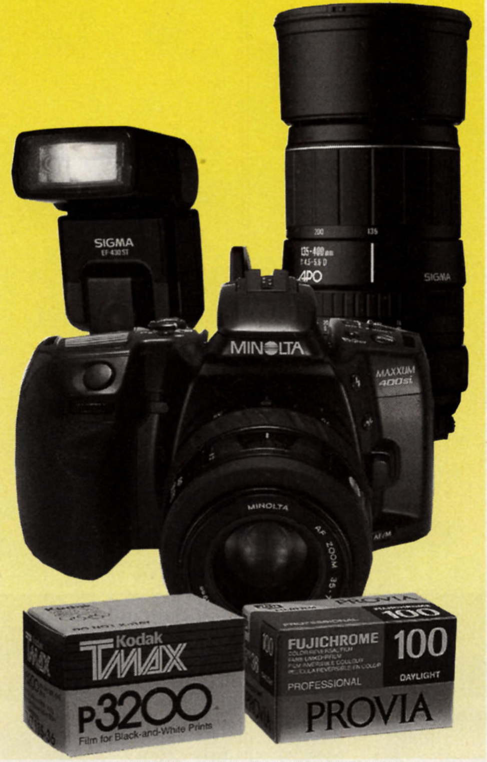
EKTACHROME
SELECT

EB 135-24 100	3.99	3.79
EB 135-36 100	5.49	3.99
ET 135-36 160T	7.39	N/A
ED 135-24 200	5.69	5.19
ED 135-36 200	6.99	5.99
EL 135-36 400	8.25	6.79

EKTAPRESS

MULTISPEED		
PJM 135-36	4.19	N/A
PJ 100 135-36	3.49	N/A
PJ 400 135-36	4.49	N/A
PJ800 135-36	4.99	N/A

order online
www.filmshop.com



SAME DAY SHIPPING
WE SHIP WORLDWIDE

FREE SHIPPING

To the 48 contiguous States
2nd day air $10 up to 60 rolls
For orders less than $100 add $10 S&H
Add 20 Cents for items ordered in quantities less than twenty.

We also carry
• Paper • Cameras • Lenses
• Filters • Bags • Batteries.

SINGLE USE CAMERAS

DAYLIGHT 27 EXP	3.49
FLASH 27 EXP	4.75
PARTY 27 EXP	4.75
WEDDING 27 EXP	4.75
UNDERWATER 24 EXP	6.99

KODAK SINGLE USE CAMERAS

FUNSAVER	4.99
FUNSAVERFLASH	8.49
PANORAMIC	8.49
WEEKENDER	9.49

▲ Circle No. 185 on Reader Service Card.

FUJI
PROFESSIONAL

NPS 120	160	2.59
NPS 220	160	5.99
NPS 135-36	160	3.95
NPH 120	400	2.89
NPH 220	400	6.69
NPH 135-36	400	3.99
NHG 120	400	3.59
NHG II 120	800	4.49
NHG II 220	800	8.39
NHGII135-36	800	6.39
Neopan135-36	100	1.99
Neopan135-36	400	2.69
Neopan135-36	1600	3.49

FUJICOLOR
SUPERIA

CN 135-12	100	1.49
CN 135-24	100	1.79
CN 135-36	100	2.19
CA 135-12	200	1.85
CA 135-24	100	2.19
CA 135-36	200	2.49
CH 120	400	2.25
CH 135-12	400	2.15
CH 135-24	400	2.49
CH 135-36	400	3.19
CZ 135-36	800	4.69
CU 135-36	1600	4.69

REALASUPERIA

CS 120	100	2.49
CS 135-24	100	2.49
CS 135-36	100	3.19

FUJICHROME PROFESSIONAL

VELVIA

RVP 120	50	3.49
RVP 220	50	7.69
RVP 135-36	50	5.99
RVP 100'	50	83.99

ASTIA

RAP 135-36	100	4.99
RAP 120	100	4.49

PROVIA

RDP II 120	100	3.99
RDPII135-36	100	5.99
RDP II 100'	100	79.00
RHP II 120	400	4.79
RHPII135-36	400	6.99
RTP 120	64T	3.59
RTP 135-36	64T	5.49
RSP 135-36	1600	9.29

MULTISPEED

RMS 135-36	9.95
RMS 120	5.99
RMS 220	10.95

FUJICHROME
SENSIA II

RA 135-36	100	3.99
RM 135-24	200	3.49
RM 135-36	200	4.49
RH 135-24	400	4.49
RH 135-36	400	4.99

FedEx Federal Express ups

DISCOVER NOVUS VISA MasterCard AMERICAN EXPRESS Cards COD

ILFORD

XP2 SUPER NEW		
XP2S 120	400	2.19
XP2S 135-24	400	2.79
XP2S 135-36	400	3.39
XP2S 100'	400	32.49
FP4 120	125	1.99
FP4 135-24	125	1.99
FP4 135-36	125	2.65
HP5 120	400	1.99
HP5 135-24	400	1.99
HP5 135-36	400	2.79
DELTA 120	100	2.49
DEL 135-24	100	2.39
DEL 135-36	100	3.29
DELTA 120	400	2.49
DEL 135-24	400	2.49
DEL 135-36	400	3.29
DELTA 120	3200	2.99
DEL 135-36	3200	4.59
PAN F 120	50	2.29
PAN 135-36	50	3.19

POLAROI

669T-20ex	Twin	23.69
679-20ex	Twin	22.95
Polapan 100	Twin	17.25
667	Twin	14.95
600	Twin	19.98
600	Single	9.99
779	Single	9.95
Spectra	Single	9.99
Spectra	Twin	19.98
Fuji FP100C	10exp	13.50
Provivid 689	10exp	13.99
52	20pc.	39.95
54	20pc.	39.95
55	20pc.	39.95
59	20pc.	59.95
79	20pc.	59.95
559	10pc.	31.25

MAILERS

SLIDES

Kodak PK 12	6.49
Kodak PK24	3.75
Kodak PK36	4.49
Fuji Slide 36	3.15

PRINTS

Kodak DP 12	4.49
Kodak DP 24	6.99
Kodak DP 36	8.99

SHORT DATE
SPECIAL
FUJI SENSIA
RM 200 36 7/98
1.99

MONTHLY
SPECIAL
FUJI RAP 100 135-
3.99
Min. 100 Rolls

29 WEST 35th STREET, N.Y., N.Y. 10001
BET. 5th AND 6th AVENUE

SMILE PHOTO & VIDEO

FOR ORDER ONLY
CONTINENTAL USA AND CANADA
TOLL FREE:
1-800-516-4204
E-MAIL
sales@smilephotovideo.com

DISCOVER NOVUS VISA MasterCard American Express Cards

PLEASE VISIT US ON THE WEB FOR WEEKLY SPECIAL WWW.SMILEPHOTOVIDEO.COM

35MM SLR CAMERAS, LENSES & ACCESSORIES

CANON CANON CANON

EOS 3
1399.00

EOS CAMERA'S

EOS-1 N Body ... *999.95
EOS-1 N RS ... *1499.95
A-2 Body ... 509.95
A-2E Body ... 539.95
A-2 w 28-105 Kit ... 609.95
A-2E w 28/105 Kit ... 749.95
EOS-5 (A2E) ... 449.95
EOS-5 w/Date ... 479.95
Elan II ... *289.95
Elan II E ... *339.95
Elan II E Date ... *359.95
EOS ELAN II Kit w/28-80 USM ... *409.95
ELAN IIE Kit w/28-80 USM ... *429.95
EOS Elan IIE w/Date (50E D) ... 359.95
EOS IX Body ... 269.95
EOS IX w/24-85 ... 469.95
NEW! EOS Rebel 2000 ... 249.95
NEW! EOS Rebel 2000 Date ... 289.95
EOS Rebel 2000 Kit w/28-80 3.5 USM ... 349.95
Rebel XS ... 179.95
Rebel G ... 199.95
Rebel G Date ... 249.95
Rebel G w/35-80/4.0 Kit ... 284.95
Rebel G w/28- 80. (500N) ... 299.95
CANON EOS Case S,L,LL, ... 44.95
4 Year Extended Warranty ... 34.00
***Includes Canon Cash Rebate**

FLASHES & ACCESSORIES

480 EG ... 459.95 Slave Unit E ... 39.95
220 EX ... 104.95 200 E ... 47.95
380 EX ... 139.95 540 EZ ... 239.95
300 TL ... 269.95 550 EX ... 399.95
60 F ... 29.95 ML-3 ... 204.95
Ikelite Lite Link TTL Remote ... 109.95
Phoenix Auto Ring light TTL ... 119.95
Achiever 260AF f/EOS ... 59.95
Achiever 630AF f/EOS ... 119.95
NEW! Compact Battery CP-E2 ... 134.95
Transistor Pack E ... 119.95
Transistor Pack E w/Nicad ... 224.95
Transmiter ST-E2 ... 179.95
Off Camera Shoe Cord (2 Ft.) ... 47.95
TTL Hot Shoe Adapter 3 ... 59.95
Off Camera Shoe 27.95 TTL Distributer ... 44.95
Off Camera Shoe Adapter OA-2 ... 27.95
TC-80N3 Timer Remote ... 139.95
Connecting Cord 60 (2 Ft long) ... 35.95
Connecting Cord 300 (9.8 Ft long) ... 41.95

CANON MACRO SYSTEM & ACCS

Book for Macro System ... 17.95
FD 25 Tube ... 64.95
Auto Extension Tube Set ... 99.50
Vari-Extension Tube M 15-25 ... 64.95
Vari-Extension Tube M 30-55 ... 84.95
Macrophoto Adapter ... 34.95
Reverse Ring for Canon ... 19.95
Photo Micro Unit F ... 49.95
Auto Bellows w/Cable Release ... 229.95
Slide Duplicator 35-52R Kit ... 124.95
Focus Rail ... 119.95 G-20 Sensor ... 49.95
Roll Film Stage. 29.95 Copy Stand 5 ... 449.95
Macro Auto Ring ... 49.95
Macrophoto 20/3.5 Lens ... 164.95
Macrophoto 35/2.8 Lens ... 189.95
Angle Finder A-2 w/Adapter S ... 59.95
Angle Finder B w/Adapter S ... 84.50
Angle Finder Adapter for A2/A2E ... 19.95
Magnifier R or S ... 37.95
Hasselblad Lens to Canon FD ... 119.95
Screw MT Lens To Canon FD Body ... 19.95
Canon Lens To Nikon Camera ... 49.95
Canon FD Lens On Maxxum ... 59.95
T-Mount f/Canon FD Body ... 19.95
Camera Holder F-4 39.95 Interval Timer TM-1 139.95

CANON ACCESSORIES

Quartz Data Back E /E2 ... 199.95
NPC Polaroid Back /EOS 620 630 ... 669.95
Focusing Screen For A-2 ... 24.95
BP-5 Battery Pack for A2/A2E ... 54.95
BP-8 Battery Pack/Rebel X, XS ... 29.95
BP-50/BP-5B, Battery Pack ... 59.95
Anti-Fog Eyepiece ED ... 34.95
Special Eyecup ED-E for A2E ... 19.50
Eyepiece Extender for EOS Cameras ... 18.50
Screens ... 19.95 GR-10 Grip ... 49.95
VG-10 Grip ... 69.95 GR-70 Grip ... 29.95
GR-60 Grip ... 29.95 GR-20 Grip ... 28.95
Eye Cup ... 13.95 GR-80 TP Grip ... 32.95
Hand Strap for VG-10 Grip ... 24.95
EF Lens Work Book ... 24.95
1.5X Conv./EOS 74.95 2X Conv./EOS ... 79.95
2X -7 Element Converter For EOS ... 119.95
Auto Focus Tube 12 ... 59.95
AF-25 Extension Tube for EOS ... 69.95
Extension Tube Set For EOS ... 189.95
Macro Lens Mount Conv FD-EOS ... 69.95
FD Lens On EOS Camera Adapter ... 44.95
T Mount Adapter for EOS ... 19.95
Nikon Lens To EOS Adapter ... 44.95
M42 Screw MT Lens on EOS Body ... 24.95

CABLE RELEASE

RC-1 Remote ... 19.95 RS-60E3 ... 21.95
Remote Switch 60 T-3 ... 34.95
Remote Switch Adapter T-3 ... 26.95
RS-80N3 ... 43.95 RA-N3 ... 43.95
LC-3 set ... 269.95 LC-4 ... 349.95
Extension Cord 1000 T-3 ... 34.95
Extension Cord ET 1000 N3 ... 69.95
Cable Release Adapter T-3 ... 29.95

POWER WINDER
• Fits Canon f/"A" Series Bodies • Single or continuous • Auto Shut-off at Film End • LED Indicator ... **44.95**

CANON FILTERS

Filter Size	52	58	72	77
Sky/Haze (UV)	8.50	9.50	19.95	24.95
Softmat #1-2	29.95	34.95	-	-
For Color&B&W	9.95	10.50	19.95	-
Circular Polrizr	54.95	64.95	84.95	94.95

67mm Circular Polarizer ... 84.95
52 or 58mm Gelatin Filter Holder ... 34.95
72mm Gelatin Filter Holder ... 19.95
48mm Drop In Circular Polarizer ... 174.95
48mm Drop Gelatin Filter Holder II ... 79.95
48mm Drop-In Filter Holder ... 79.95

MAGIC LANTERN HOVE BOOKS

EOS-1-N, A-2, A2-E, 10S, 620, IX 630, ELAN, Rebel, Rebel XS, G ... 19.50
EOS System Guide 28.95 The Art of Image EOS ... 29.95
420/430/540 EZ Flashes / Lenses ... 19.95
Modern Classics Book T-60, T-90 for F-1, FTB, EF, AE-1, AE-1P ... 19.95

EF LENSES

	IMPORT	USA
15/2.8	579.95	659.95
24/2.8	274.95	329.95
28/2.8	164.95	199.95
35/2.0	229.95	289.95
50/1.8	67.95	79.95
135/2.8SF	289.95	359.95
28-80/3.5	94.95	*104.95
35-80 F4-5.6	77.95	87.95
75-300 F4.0	149.95	174.95
80-200 F4.5	104.95	119.95
TS-E 24/3.5	1039.95	1239.95
TS-E 45/2.8	999.95	1219.95
TS-E 90/2.8	999.95	1199.95

EF "U.S.M." LENSES

	IMPORT	USA
20/2.8	384.95	449.95
28/1.8	289.95	429.95
50/1.4	309.95	339.95
50/2.5 Macro	249.95	309.95
85/1.8	309.95	354.95
100/2.0	369.95	429.95
100/2.8 Macro	469.95	549.95
20-35/3.5	349.95	399.95
22-55/4	139.95	147.95
24-85/3.5	279.95	329.95
28-80/3.5	109.95	*123.95
28-105/3.5	209.95	269.95
28-135/3.5.I.S	439.95	469.95
35-80/4-5.6	97.95	114.95
55-200/4.5	189.95	194.95
75-300/4.0	184.95	193.95
75-300/4.I.S.	469.95	499.95
80-200/4.5	187.95	--
100-300/4.5	249.95	280.95
1:1 Life Size	169.95	219.95

EF-12 Ext. Tube 59.95 EF-25 Ext. Tube 99.95

EF U.S.M. "L" LENSES

	IMPORT	USA
14/2.8 L	1749.95	1999.95
24/1.4 L	1179.95	1249.95
35/1.4	1259.95	1299.95
50/1.0 L	1949.95	2099.95
85/1.2 L	1149.95	1769.95
135/2. L	699.95	939.95
180/3.5 L	1179.95	1339.95
200/1.8 L	3399.95	4029.95
200/2.8 L	639.95	679.95
300/4 L	859.95	949.95
300/2.8 L	3399.95	4079.95
300/4 L IS	1069.95	1249.95
400/2.8 L	5799.95	6869.95
400/5.6L	979.95	1319.95
500/4.5 L	4399.95	5269.95
600/4 L	6499.95	8369.95
1200 5.6 L	Call	Call
17-35/2-8	1029.95	*1199.95
20-35/2.8	969.95	1049.95
28-70/2.8	979.95	*1039.95
35-350/3.5	1399.95	1649.95
70-200/2.8	1099.95	*1149.95
100-300/5.6 L	529.95	579.95
100-400/4.5 is.	1599.95	1639.95
1.4X APO	299.95	369.95
2X APO	259.95	294.95

***Includes Canon Cash Rebate**

EOS-1&3 ACCESSORIES

Command Back E-1 179. DBE-2 Date Back 119
Battery Pack BP-E1 ... 99.95
Hand Strap E-1 21.50 Nicad Pack E-1 ... 86.95
Nicad Charger E-1 ... 229.95
The Complete Guide to EOS-1 ... 24.95
Focusing Screen f/EOS-1-3 ... 29.95
EC-R/EC-K Laser-Matte Screen ... 52.95
Power Drive Booster f/EOS-1 ... 259.95
Power Drive Booster -2 f/EOS-3 ... 419.00
NPC Polaroid Back /EOS-1 ... 699.95
NPC Polaroid Back /EOS-1-3 w/Booster 749.95
BM-E2 Battery Magazine ... 49.95
NP-E2 Nicad ... 137.95 NC-E2 Charger ... 324.95

T-50 Body ... 179.95 Diopter Lens 18.95
NPC Polaroid Back for T-90 ... 719.95
Focusing Screen for T-90 ... 54.95
Data Memory Back 90 ... 229.95
Nicad Battery Pack MA ... 84.95
Battery Magazine MA ... 29.95
Nicad Pack TP .99. Nicad Charger TP 39.

Command Back 70 ... 199.95

F1-N SYSTEM
F1-N w/Eye Level Finder ... 1499.95
Speed Finder FN ... 289.95
Nicad Charger MA/FN ... 114.95
FN Focusing Screens ... Ea. 104.95
Screen (Old F-1) ... 59.95
Flash Coupler-L 59.95 Coupler-F ... 29.95
Data Back F (Old F-1) ... 99.95
Eye Cup R ... 9.95 Eyepiece Ring 9.95
Interval Timer L ... 49.95
NPC ProBack F-1 ... 719.95

FD LENSES

15/2.8 ... 999.95 135/3.5 ... 59.95
28/2.0 ... 499.95 300/4.0 ... 574.95
35/2.8 ... 69.95 500/4.5.L ... 3799.95
50/1.4 ... 109.95 50/1.8 ... 69.95
50/2 ... 44.95
Tokina 300 2.8L for Canon FD ... 1899.95
20-35/3.5L ... 999.95 100-200 F5.6 ... 99.95
1.4X ... 379.95 2XB ... 269.95
Vivitar 35-70 F3.5 for Canon ... 49.95

FD LENS HOOD

BS-55 ... 24.95 BT-52 ... 29.95
BT-55 ... 29.95 W-62 ... 24.95

CANON LENS CASES

LHB8 ... 19.95 LHB9 ... 19.95 LHB24 ... 24.95
LHD14B 24.50 LHD22 . 24.50 LHA17 ... 19.95
LHC10 ... 19.95 LHPB9 . 19.95 LHC13 ... 29.95
LHD11 ... 54.95 LHC19 . 29.95 LHC21 ... 24.50
LHD12 ... 38.95 LHD13 . 39.95 LHD14 . 39.95
LHD16 ... 38.95 LHD18 . 39.95 LHD18B 39.95
LHD23 ... 49.95 LHD26 . 49.95 LP811 ... 24.95
LP814 ... 24.95 LP816 ... 24.95 LP1019 24.95
LP1022 24.95 LP1216 24.95 LP1219 24.95
LP1222 ... 24.95

EOS CANON LENS HOODS

ET-54, EW-54, EW-60, EW-62, ES-62 ET-62, ... 18.50
EW-65, EW-63, ES-65, ET-65, EW-68A, B, . 18.50
ES-71EW-75B, EW-79B, EW-60B, ET-60-64 19.60
ET-78, ET-83, EW-73, EW-83B, ES-79, EW-75, EW-79, EW-78 ... 34.95
EH-98, EH-123 ... 265.95 S-100 Lens Hood 199.95
EH-150, EH-162, ET-123, Lens Hood ... 369.95

CLOSE UP FILTERS

	52	58	72	77
250 D	69.95	82.95	-	-
500 D	67.95	79.95	109.95	129.95
500	29.95	34.95	54.95	64.95

NIKON NIKON NIKON

F100
Call

F-3 Body ... 899.95 F-3 T Body ... Call
FM-2N Body ... 359.95 FM-2N Black ... 379.95
FM-10 Body ... 159.95 FM-10/w 35-70 199.95
FE-10 Body ... 199.95 FE-10 w/35-70 . 219.95

AI-S LENSES

85/2 ... 439.95
13/5.6 ... 9999.95 105/1.8 ... 589.95
15/3.5 ... 1599.95 105/2.5 ... 249.95
16/2.8 ... 699.95 105/2.8 Micro . 489.95
18/3.5 ... 939.95 120/4 Medical . 1399.95
20/2.8 ... 469.95 135/2.0 ... 689.95
24/2 ... 509.95 135/2.8 ... 309.95
24/2.8 ... 329.95 135 2.8 E ... 149.95
28/2 ... 499.95 200/4 ... 434.95
28/2.8 ... 319.95 200/4 Micro ... 599.95
28/3.5 PC ... 739.95 500/8 N ... 599.95
35/1.4 ... 599.95 1000/11 ... 1499.95
35/2 ... 269.95 28-85/3.5 ... 399.95
35/2.8 ... 259.95 35-70/3.5-4.8 ... 64.95
35/2.8 PC ... 569.95 35-70/3.3 ... 229.95
50/1.2 ... 379.95 35-105 F3.5 ... 279.95
50/1.4 ... 259.95 35-135/3.5 ... 359.95
50/1.8 ... 99.95 35-200/3.5 ... 699.95
55 2.8 Macro . 239.95 70-210 4.5 ... 89.95
58 1.2 Noct .. 1399.95 80-200 F4 ... 699.95
85/1.4 ... 719.95 100-300 ... 539.95
TC-14A ... 219.95 TC-14B ... 469.95
TC-201 ... 229.95 TC-301 ... 469.95

NIKKOR "ED" LENSES

180/2.8 ED ... 779.95 400/5.6 ED ... 1849.95
200/2 ED ... 3599.95 500/4 ED P ... 3799.95
300/4.5 ED ... 999.95 600/4 ED ... 5999.95
300/2.8 ED ... 3199.95 600/5.6 ED ... 4199.95
400/2.8 ... 5499.95 800/5.6 ED ... 5499.95
400/3.5 ED ... 3949.95 50-300/4.5 ED 2299.95

VIEWFINDERS FOR ALL CAMERAS

DG-2 ... 38.95 DR-3 ... 97.95
DE-2 (F-3) ... 179.95 DW-21 (F-4) ... 299.95
DA-2 (F-3) ... 299.95 DP-20 (F-4) ... 399.95
DW-3 (F-3) ... 83.95 DA-30 (F-5) ... 799.95
DW-4 (F-3) ... 179.95 DW-30 (F-5) ... 179.95
DE-3 (F-3) ... 189.95 DP-30 (F-5) ... 339.95
DW-20 (F-4) .. 169.95 DW-31 (F-5) ... 289.95
DA-20 (F-4) ... 589.95 DR-4 (F-100) .. 149.95
Correction Eyepiece ... 18.95
View Finder Eyecup ... 9.95

FOCUSING SCREEN'S

Screens F-3 ... 39.95 Screens F-4/F-5 . 39.95
Screens 8008S/N-90, FE-2, FA, FM-2, ... 28.95
Screens 2020, 2000, 8008, ... 24.95

MACRO SYSTEM

PN-11 Tube ... 92.95 PK 11A, 12, 13 .. 56.95
PB-6 .. 204.95 PS-6 . 129.95 PB-6D .. 49.95
PB-6E 148.95 PB-6M 40.95 AR-4, 7 42.95
PA-4 ... 62.95 PC-3 ... 84.95 PH-4 ... 74.95
ES-1 ... 39.95 PF-4 .. 649.95 PG-2 .. 139.95
AR-10 ... 63.95 AR-2/AR-3 ... 19.95
BR-4, 6 ... 47.95 BR-2, 3, 5 ... 19.95
120/4 Medical Nikkor ... 1399.95
LD-2 ... 139.95 LA-2 ... 199.95
Hasselblad Lens on Nikon Body ... 109.95
Nikon Lens On Canon EOS Body ... 44.95
Canon Lens On Nikon Body ... 44.95
M42 Screw MT Lens On Nikon Body ... 24.95
T-Mount f/Nikon 19.95 C-Mount f/Nikon . 29.95
52mm Close-up Lens 0-1-2-3T-4T ... 31.95
62mm Close-up Lens 5T-6T ... 39.95

SPEEDLIGHTS

SB-11 ... 309.95 SB-21A ... 389.95
SB-16 ... 199.95 SB-22 S ... 114.95
SB-21B ... 359.95 SB-17 ... 164.95
SB-22 ... 139.95 SB-12 (F-3) ... 119.95
SB-140 ... Call SB-23 ... 79.95
SB-20 (F-3) ... 189.95 SB-26 ... 499.95
SB-27 ... 169.95 SB-28 ... 253.95
SU-4 wireless remote flash controler ... 69.95
SK-6 Power Bracket Unit ... 219.95
Ikelite Lite Link TTL Sensor ... 109.95

FLASH COUPLER'S

AS-1 ... 25.95 AS-2 ... 26.95 AS-3 ... 26.50
AS-4 ... 27.95 AS-5 ... 29.95 AS-6 ... 39.95
AS-7 ... 69.95 AS-8 . 149.95 AS-9 .. 109.95
AS-10 ... 34.95 AS-11 ... 34.95
AS-12-14 ... 239.95 AS-15 ... 17.95

FLASH CORDS

SC-11 . 17.50 SC-12 . 139.95 SC-13 .. 89.95
SC-14 . 53.95 SC-15 .. 19.95 SC-16 .. 36.95
SC-17 . 48.95 SC-18 .. 27.95 SC-19 .. 33.95
SC-21 . 36.95 SC-23 .. 99.95 SC-24 .. 54.95
SD-7 / SD-8A Battery Pack ... 114.95
Flash Sync Cord ... 19.95

Compartment Cases		Straps	
FB-17	49.95	NS-3, NS-4, NS-5	19.95
FB-14	219.95	AN-4 Y or B	14.95
FB-16	79.95	AN-6 Y or W	22.95
AN-11 Strap	11.95	AN-14 Strap	14.95
AN-7 Strap	9.95	Vestrap Green Or Tan	94.95

Nikon Video Tapes: N50, N70, 6i, N6006, N8008S, N90/N90S, F-4, SB-24/25/26 ... 24.95
Essence Of Light ... 24.95
Masters Of PhotoJournalism ... 24.95
Masters Of Wildlife ... 24.95
Masters Of Action Portraiture ... 24.95

FILTERS

Filter Size	39mm	52mm	62mm	72mm	77mm
L37C	23.95	21.95	30.95	51.95	62.95
L1BC	23.95	22.95	33.95	48.95	-
Soft Focus	-	58.95	69.95	98.95	-
Circ. Pola	-	57.95	83.95	119.95	137.95

Filter Size	82mm	95mm	122mm
L37C	83.95	113.95	148.99

Gel HolderAF-1 . 33.95 AF-2 ... 53.95
CA-1 52mm Filter Pouch ... 23.95
Drop In Circ. Pol. 39 219.95 Drop In Circ. Pol. 52 . 219.95

NIKON HOODS

HN-1, 2, 3, 9, 21, 24 14.95 HN- 30, 31, 34 ... 39.95
HN-12, 22, 23 .. 24.50 HN-13, 26, 26 ... 29.95
HS-7, 9, 10, 11, 12 24.50 HB-1, 2, 3, 4, 10 15.95
HK-2, 11, 12 ... 21.95 HK-4, 6, 7, 8, 9 . 24.95
HK-10 14 15, 16 HN-28, 29 HB-7, 8, 11 29.95
HR-1-2-3-4 ... 17.95
HB-12, 14, 15, 17, 18, ... 24.95

NIKON CASH REBATE

	REBATE	PRICE
F-5	250.00	1899.00
N90S	75.00	699.00
N70	30.00	349.00
N70 w/35-80 Kit	50.00	437.00
N70 Date	30.00	389.00
N70 Date w/35-80 Kit	50.00	479.00

F-5 ... 1799.95 F-5 50th anniversary ... Call
F4 Body ... 1449.95 F4S Body ... 1549.95
F-90X Body .. 649.95 F-90X w/Date ... 749.95
F-70 Body ... 349.95 F-70 w/Date(pan) 359.95
N-60 Body ... 269.95 N-60w/Date ... 289.95
F-60 ... 247.95 F-60 Date ... 269.95
N50 Body ... 239.95 N-50 w/Date ... 264.95
F-50 Body ... 219.95 F-50 w/Date ... 229.95
N6006 Body . 299.95 N6006 w/Date ... 329.95
F-601 Body .. 269.95 F-601 w/Date ... 279.95
Pronea 6i Body 349.95 Pronea 600F ... 249.95
F-401x Body . 279.95 N8008 Body ... 469.95

AF NIKKOR LENSES

	IMPORT	USA
28-85	309.95	439.95
35-70/3.3	109.95	--
35-135	309.95	--
35-105	249.95	--
50/1.8	79.95	92.95
75-300 AF	269.95	--
180/2.8 ED IF	449.95	459.95
300/4	749.95	879.95

D-TYPE AF NIKKOR LENSES

	IMPORT	USA
16/2.8 D	589.95	719.95
18/2.8 D	1019.95	1249.95
20/2.8 D	389.95	429.95
24/2.8 D	269.95	279.95
28/1.4 D	1239.95	1549.95
28/2.8 D	169.95	209.95
35/2.0 D	229.95	274.95
50/1.4 D	204.95	243.95
60/2.8 D Macro	284.95	344.95
85/1.4 D	779.95	939.95
85/1.8 D	289.95	349.95
105/2.8D Micro	469.95	589.95
105/2.0 DC D	724.95	829.95
135/2 DC D	799.95	974.95
180/2.8 ED-D	549.95	684.95
500/4 AF-S	5999.95	7099.95
200/4.D Micro	1019.95	1229.95
20-35/2.8 D	1399.95	1579.95
24-50 D	289.95	334.95
24-120 D	389.95	474.95
28-70/3.5 D	249.95	289.95
28-70/2.8 AF-S	Call	Call
28-80/3.5 D	139.95	149.95
28-105/3.5 D	309.95	319.95
28-200/3.5 D	399.95	479.95
35-70/2.8 D	499.95	609.95
35-80/4 D	87.95	93.95
35-105/3.5 D	269.95	289.95
70-180 4.5 ED Micro D	749.95	964.95
70-210 F4 D	239.95	279.95
70-300/4 D	269.95	299.95
80-200/4.5 D	129.95	149.95
80-200/2.8 AF-S	1499.95	Call
80-200/2.8 ED w/Tripod	699.95	849.95
300/2.8 D ED-IF AF-S	3899.95	4699.95
400 F2.8 D ED-IF AF-S	6999.95	--
600/4 D IF-ED AF-S	7399.95	8899.95
TC 14E	399.95	519.95
TC 20 E	399.95	579.95

BATTERY PACKS & ACC.

MB-20 . 44.95 MB-21 129.95 MB-22 199.95
MB-23 199.95 MN-20 .. 99.95 MH-20 164.95
MN-30 . 109.95 MH-30 . 269.95 MS-8 ... 19.95
MB-10 Grip N-90/N-90S ... 119.95
MB-15 ... 169.95 MS-12-13 ... 29.95
MS-10 . 24.95 MS-11 28.95 MS-30 .. 34.95
NB 100 Ni-Cad Battery (MB 10 Grip) ... 45.95
Battery Charger For Above ... 89.95
DB-6 External Battery Pack ... 199.95
Photo Secretary Software for N-90 ... 179.95
Photo Secretary Software for F-5 ... 239.95

CAMERA CASES

CF-53 (F-5) ... 99.95 CF-54 (F-5) ... 119.95
CF-39 ... 39.95 CF-40 ... 49.95
CF-45 ... 49.95 CF-46 ... 49.95
CF-41 (F-4) ... 109.95 CF-42 (F-4) ... 129.95
CF-43 (F-4) ... 149.95 AH-4 ... 53.95
CF-47 ... 43.95 CF-48A ... 34.95
CF-22 (F-3) ... 69.95 CF-27(FM-2) ... 54.95
CF-49 (N-50-60) 38.50 CF-29(FE-2) ... 84.95
CF-51 (N-70) ... 49.95 CF-50 (N-50-60) 39.95
CF-55 (6i) ... 44.95 CF-52 (N-70) ... 49.95
CF-56 (6i) ... 49.95
CF-57 (F100) ... 49.95 CF-58 (F100) ... 49.95
CS-13, CS-19, CS-20, Soft Leather Case . 69.95
CS-16, CS-17, CS-18 Soft Leather Case . 79.95

NIKON DATA BACK'S

MF-4 ... 899.95 MF-21 ... Call
MF-6B ... 89.95 MF-22 ... 124.95
MF-14 ... 174.95 MF-23 ... 289.95
MF-16 ... 169.95 MF-24 ... 4499.95
MF-17 ... 2999.95 MF-25 ... 124.95
MF-18 ... 279.95 MF-26 ... 169.95
MF-19 ... 249.95 MF-27 ... 149.95
MF-20 ... 79.95 MF-28 ... 399.95
MF-29 ... 149.95 FM-2 F-3 ... 649.95
F-5 w/focus Controll ... 879.95
NPC Proback II F-5 ... w/focus Controll. 749.95

MOTOR DRIVE SYSTEM

MD-4 ... 379.95 MC-4A ... 34.95
MD-12 ... 269.95 MC-12 ... 47.95
MK-1 ... 139.95 MC-3,11 ... 39.95
MH-2 ... 139.95 MT-2 ... 799.00
MH-30 (F5) ... 279.95 MN-30 (F5) ... 109.95
MN-2 ... 99.95 MR-2/MR-3 ... 32.95
MA-4 ... 399.95 AH-3 ... 28.95
MW-2 ... 1349.95 AP-2 ... 79.95
ML-2 ... 299.95 DB-2 ... 51.95
ML-3 ... 129.95 DB-5 ... 89.95
MC-10 Cord ... 44.95 MC-30 Cord ... 49.95
MH-15 ... 259. MN-15 ... 119. MC-29 ... 74.95
MC-20 Remote Cord w/ Timer ... 83.95
MC-17S, MC-21, MC-23 Cord ... 56.95
MC-22, MC-25, MC-26 Cord ... 59.95
MC-32 External Power Cord ... 129.95
AA Battery Holder for 2000/2020 ... 19.95
MH-1 Charger for MN-1 Battery ... 49.95

HOVE PHOTO BOOKS
F-5, F4S, F-4E, F-2, F-3, N-70, N-50 N6006, FM-2, N-90S F-100 SB-24, SB-25, SB-26, Nikon Lenses 19.50
F-2, F2-A, F-A, FE-2, FM ... 19.95
Nikon AF Lenses Pro Gulid ... 29.95

35MM SLR CAMERAS, LENSES & ACCESSORIES

MINOLTA MINOLTA MINOLTA

MINOLTA CAMERAS

X-700 ... 209.95 X-370S ... 139.95
Hove Books for X-9, X-700, X370 ... 19.95

MD LENSES

7.5/4.0 ... 349.95 85/2.8 Soft ... 399.95
16/2.8 ... 379.95 100/2.5 ... 219.95
17/4. ... 334.95 100/4 Macro ... 459.95
20/2.8 ... 389.95 135/2 ... 359.95
24/2.8 ... 249.95 135/2.8 ... 129.95
24/2.8 VFC ... 299.95 135/2.8 ... 129.95
28/2 ... 349.95 200/2.8 ... 359.95
28/2.8 ... 69.95 200/4.0 ... 79.95
35/1.8 ... 229.95 300 f4.5 ... 399.95
35/2.8 ... 109.95 400/5.6 APO ... 849.95
35/28 Shift ... 749.95 500 F8 ... 299.95
50/1.2 ... 299.95 600/6.3 APO . 1999.95
50/1.4 ... 179.95 800/8 ... 849.95
50/1.7 ... 59.95 1600/11 ... 2499.95
50/3.5 Macro . 259.95 2X 300L ... 159.50
85/2.0 ... 249.95 2X 300S ... 239.95
24-35/3.5 ... 224.95 70-210 F4.5 ... 149.95
24-50/4 ... 299.95 70-300/4.5 ... 219.95
28-70/3.5 ... 89.95 75-150/4 ... 99.95
28-85/3.5 ... 239.95 75-200 F4.5 ... 109.95
35-70/3.5 ... 69.50 100-200 ... 89.95
35-105 ... 229.95 100-300 ... 199.95
35-135 ... 369.95 100-500 APO .. 899.95
50-135 ... 199.95 100-500/8 ... 479.95

FLASHES

132X ... 49.95 132 PX ... 74.95
200X ... 99.95 220X Flash ... 29.95
280 PX ... 89.95 80PX Macro ... 249.95
360 PX ... 199.95 118X Flash ... 39.95
320 ... 79.95 320X ... 139.95
NC-2 Charger & 4 Batteries ... 34.95
Panel Set /4000AF/320X/320 ... 49.95
Macro Flash 1200 AF ... 199.95
Bounce Reflector Set ... 29.95
Power Grip II . 169.95 Power Grip I ... 109.95

ACCESSORIES

POWER WINDER
• Fits Minolta X Series Bodies • Single or continuous • Auto Shut-off at Film End • LED Indicator ... **44.95**

MD-1 Motor Drive ... 229.95
IR1N Set ... 189.95 IR1 Set ... 149.95
Cable FB, CD, EX, OC, AW, MD, ... 34.95
AC Adaptor IV ... 29.95
Off Camera Shoe ... 31.95
MC Auto Extension Tube Set ... 139.95
Winder G ... 139.95 TR-1 Tripod ... 44.95
100/4 Bellows 179.95 12/2.5 Bellows ... Call
50/3.5 Bellows 219.95 25/2.5 Bellows ... Call
Angle Finder VN 109.95 Magnifier VN ... 39.95
Remote Cord S 34.95 Remote Cord L . 39.95
Compact Bellows 79.95 Bellows III ... 74.95
Macro Stand ... 49.95 Copy Stand II ... 89.95
Slide Copier ... 109.95 Copy Stand 3 .. 199.95
M-1 Adapter ... 39.95 M-2 Adapter ... 44.95

MAXXUM ACCESSORIES

QD-9 (9) ... 89.95 DM-9 (9) ... 439.95
NPC ProBack II Maxxum "9" ... 949.95
Data Back DB-3, DB-5, DB-7, Date-7 ... 79.95
BP-100 Battery Pack HTSI+ ... 99.95
Date Back for 9XI ... 84.95
Program Back 90 ... 139.95
Program Back Super 90 ... 179.95
Creative Expansion Cards ... 24.50
Auto Focus Extension Tube 12 ... 59.95
Auto Focus Extension Tube 25 ... 69.95
Auto Extension Tube Set ... 109.95
Reverse Ring for Minolta ... 19.95
2X-4 Element Converter f/Maxxum ... 79.95
2X-7 Element Converter f/Maxxum ... 99.95
External Battery Pack EP-70 ... 39.95
RC 1000S ... 29.95 RC 1000L ... 34.95
Focusing Screen 7000/9000/7000i/8000i 26.95
Focusing Screen S-L-M (9) ... 39.95

MOTOR DRIVE & BACKS

Auto Winder 90 for 9000 ... 89.95
MD-90 . 179.95 BP-90 . 94.95 NC-90 .. 49.95
NP-90 Set (nicad & charger) ... 129.95
Program Back 70/90 ... 119.95
Program Back Super 70 ... 179.95
EB-90 (100 frame exp. back) ... 379.95
Film Magazine Set EB-90 ... 129.95
Film Loader FL-90 ... 99.95
Slide Copy Unit 1000 ... 189.95
Macro Stand 1000 ... 139.95
Pentax K Lens on Maxxum Body ... 49.95
Minolta MD Lens On Maxxum Body ... 34.95
Nikon Lens On Maxxum Body ... 49.95
Canon FD Lens On Maxxum Body ... 49.95

MAXXUM "9"
1499.00

MAXXUM CAMERAS

XTSI ... 289.95
XT SI w/28.80 kit ... 379.95
HTSI ... 229.95
HT SI Plus ... 259.95
HT SI Plus w/28-80 Kit ... 359.95
HT SI w/28.80 kit ... 319.95
400Si ... 189.95 400Si w/Date . 229.95
450 Si Date Panorama ... 219.95
500Si ... 239.95 550Si w/Date .. 239.95
600Si ... 289.95 650Si w/Date .. 349.95
700Si ... 419.95 700Si w/Date .. 449.95
800Si ... 519.95 800Si w/Date .. 539.95
5Xi ... 199.95 5Xi w/Date ... 239.95
3Xi ... 159.95 3Xi w/Date ... 199.95
2Xi ... 149.95 300Si ... 159.95
9Xi ... 599.95 9Xi Date ... 679.95
SPXi ... 139.95 5000 ... 149.95
3000i ... 99.95 5000 w/Date ... 169.95
8000i ... 269.95 9000 ... 329.95
AA Battery Pack B-9xi ... 109.95
Holding Strap for 9xi .. 68.95 for 7xi ... 39.95
Holding Strap/7000i/8000i ... 29.95
AA Battery Holder/7000 ... 29.95
Lithium Battery Holder/7000 ... 19.95
Panorama Adapter Set ... 24.95
Insulated Case ... 109.95

MAXXUM AF LENSES

16/2.8 ... 599.95 100/2.8 Soft ... 449.95
20/2.8 ... 339.95 100/2 ... 329.95
24/2.8 ... 249.95 135/2.8 ... 119.95
28/2 ... 329.95 200/2.8 APO ... 549.95
28/2.8 ... 137.95 300/2.8 ... 1999.95
35/2 ... 229.95 500/8 ... 399.95
50/1.4 ... 159.95 600/4 APO ... 4999.95
50/2.8 Macro . 229.95 50/1.7 ... 54.95
50/3.5 Macro . 179.95 1.4X APO ... 239.95
85/1.4 ... 479.95 2X APO ... 329.95
100/2.8 Macro 459.95 2X MA Conver . 114.95
135 STF ... 999.95 35-105 ... 174.95
20-35 3.5-4.5 . 399.95 35-200xi ... 279.95
24-50/4 ... 264.95 70-210/4 ... 159.95
24-85/3.5 ... 349.95 70-210/4.5 ... 99.95
28-80 3.5 ... 89.95 75-300/4.5 ... 159.95
28-80Xi ... 79.95 80-200 ... 79.95
28-80/4-5.6 ... 99.95 80-200/2.8 ... 679.95
28-85/3.5 ... 169.95 80-200XI ... 89.95
28-105 MZ ... 259.95 80-200/2.8 APO White . 1049
28-105Xi ... 159.95 100-200 ... 99.95
35-70/3.5 ... 59.95 100-300 ... 199.95
35-70/4 ... 69.95 100-300Xi ... 129.95
35-80/4 ... 59.95 100-300 APO .. 379.95
35-105 white .. 169.95 100-400 APO .. 619.95
35-80/4-5.6 Power Zoom ... 64.95
AF 3X-1X Macro Zoom ... 1299.95

G LENSES

35/1.4 ... 694.95 85/1.4 ... 599.95
200/28 APO ... 699.95 300/28 APO .. 2999.95
300/4 APO ... 749.95 400/4.5 APO . 1399.95
600/4 APO ... 6499.95 17-35/3.5 ... 1359.95
28-70 2.8 ... 769.95 80-200/2.8 ... Call

MAXXUM FLASHES & ACCS

314i ... 29.95 316i ... 39.95 4000AF 249.95
2000i ... 69.95 2000xi 59.95 3200i ... 79.95
3500xi 129.95 5200i 159.95 5400xi 229.95
1200AF-N ... 249.95 1200AF Set ... 199.95
2800 AF ... 89.95 5400 HS ... 259.95
External Battery EP-I Pack ... 109.95
Wireless Remote Flash Controller ... 104.95
Bounce Reflector Set ... 34.95
TC-1000 Triple Connector ... 39.95
Off-Camera Cable OC-1100 ... 34.95
Off-Camera Shoe OS-1100 ... 34.95
FS 1200 Shoe .. 24.50 FS-1100 Shoe ... 29.95
VC-9 (9) ... 209.95 VC-700 Grip ... 134.95
VC-507/600 Grip ... 129.95

OLYMPUS OLYMPUS OLYMPUS

OM-4Ti ... 949.95 OM-3Ti ... 1349.95
OM Eye Cup #1 ... 13.95
OM 2000 Body ... 149.95
OM 2000 w/35-70 ... 189.95
70-210/4 ... 119.95 35-70 3.5 ... 69.95
Case for OM/ Series Cameras ... 19.95

ZUIKO LENSES

Beattie Intenscreen Plain or Grid ... 62.95
16/3.5 ... 1069.95 21/2 ... 899.95
18/3.5 ... 979.95 24/2 ... 649.95
21/3.5 ... 489.95 24 Shift ... 1599.95
24/2.8 ... 349.95 28/2.8 ... 169.95
28/2 ... 399.95 35/2 ... 299.95
28/3.5 ... 89.95 35/2.8 Shift ... 839.95
35/2.8 ... 239.95 50/1.2 ... 339.95
50/1.4 ... 189.95 50/1.8 ... 39.95
85/2 ... 389.95 100/2 ... 479.95
100/2.8 ... 289.95 135/3.5 ... 79.95
180/2.0 ... 2899.95 180/2.8 ... 839.95
200/5 ... 99.95 200/4 ... 279.95
250/2 ... 3899.95 300/4.5 ... 599.95
350/2.8 ... 5699.95 400/6.3 ... 1899.95
500/8 ... 479.95 600/6.5 ... 2199.95
35-80/2.8 ... 1199.00 35-70/4 AF ... 89.95
70-210 ... 119.95 75-150/4 ... 109.95
1.4X ... 409.95 2X A Convertr .. 199.95
T-Mount f/OM .. 19.95 C-Mount f/OM ... 29.95
M42 Screw MT to OM Body ... 39.95

OM MACRO SYSTEM

20/2 .. 429.95 20/3.5 219.95 38/2.8 409.95
38/3.5 449.95 50/3.5 299.95 50/2 ... 499.95
80/4 ... 499.95 90/2 ... 899.95
*135/4.5 w/lens hood ... 349.95
Telescopic Auto Tube 65-116 ... 239.95
Auto Bellows .. 219.95 Double Cable ... 24.50
Slide Copier ... 99.95 Focus Rail ... 84.95
Auto Ext. Tubes 7, 14, 25 ... ea. 64.95
T-8 Ring Flash 2 . 184.95 T-10 Ring Flash .. 179.95
T-28 Macro Single Flash 1 ... 99.95
T-28 Macro Twin Flash ... 169.95
T-Power Control ... 299.95
6V Power Pack #2 ... 59.95
Ring Cross Polarizer ... 149.95
0.1m, 0.15m, 0.3m, 0.6m ... 29.95

	Body	1.8	35-70
OM-88	139.95	174.95	199.95

AF LENSES

50/2.8 Macro ... 79.95 35-70 PF ... 69.95
28/2.8 ... 49.95 28-85/3.5 ... 149.95
50/1.8 ... 29.95 35-70/3.5 ... 59.95
Sigma 28-70/3.5 AF ... 99.95
Manual Adapter/OM-88 ... 19.95
Manual Adapter for OM-10 ... 69.95

FLASH SYSTEM

F280 Full Synchro Flash ... 174.95
T-20 ... 84.95 T-32 .. 169.95 S-20 ... 49.95
Off Camera Shoe Cord (T-32/F280) ... 39.95
Bounce Grip II ... 169.95
Grip Strap for Bounce Grip II ... 29.95
Wide Adapter & ND Set (T-32) ... 24.95
Zoom Adapter (T-32) ... 49.95
Color Filter Set (T-32) ... 32.50
TTL Auto Connector (specify) ... 19.95
TTL Multi Connector ... 34.95
Nicad Charger 1/T45 ... 139.95

POWER WINDER w/GRIP

• Fits OM-10 OM-1N OM-2N
• Single or continuous
• Auto Shut-off at Film End
• LED Indicator
44.95

MOTOR DRIVE & ACCS.

Data Back 4 ... 159.95
Winder II ... 159.95
Motor Drive ... 239.95
Motor Drive II ... 419.95
Nicad Control Pack 2 ... 179.95
M-18V Control Grip 2 ... 184.95
Grip Strap for Motor Drive & Winder ... 29.95
Varimagni Finder ... 144.95
Focusing Screens ... 39.95
Close-up for 80 Macro ... 69.95
2 meter ... 39.95 5 meter ... 49.95
NPC ProBack II OM-1-4 ... 889.95

PENTAX

PZ-1P ... 499.95 ZX-5 ... 269.95
ZX-10 ... 219.95 ZX-5N ... 319.95
ZX-50 ... 159.95 ZX-5N w 35-80 . 394.95
ZX-5N w 35-80 & 80-200/4.7 Kit ... 499.95
ZX-5N w 35-80 & 100-300/4.5 Kit ... 569.95
ZX-10 w 35-80 ... 289.95
ZX-10 w 35-80 & 100/300 4.5 Kit ... 459.95
ZX-10 w 35-80 & 80-200/4.7 Kit ... 419.95
ZX-50 w/35-80 ... 249.95

AUTO FOCUS LENSES

20/2.8 ... 479.95 300/4.5 ED ... 759.95
24/2 AL ... 399.95 400 5.6 ED ... 1169.95
28/2.8 AL ... 173.95 600/4 ED IF ... 5995.00
28/2.8 Soft Focus 339.95 17-28/3.5 ... 379.95
35-80 F4 F ... 69.95 20-35/4 AL ... 479.95
43/1.9 ... 399.95 28-80/3.5 FA ... 169.50
50/2.8 Macro . 329.95 28-70/4 AL ... 159.95
50/1.7 ... 124.95 28-70/2.8 AL . 1049.95
50/1.4 ... 174.95 28-105/4 ... 279.95
85/1.4 ... 749.95 70-200/4 ... 219.95
85/2.8 Soft ... 379.95 80-200/4.7 F ... 119.95
100/2.8 M ... 499.95 80-200/2.8 ED 1595.00
100/3.5 ... 199.95 80-320 4.5 ... 219.95
200/2.8 ... 1049.95 100-300 F ... 179.95
135/2.8 IF ... 324.95 100-300 FA ... 329.95
300/2.8 ED ... 3999.95
FA 250-600 mm f/5.6 ED ... 6499.95
FA 28-200/3.8-5.6 Aspheric Lens AL ... 239.95
Eye-Cup ... 24.95 Angle Finder ... 149.95
2x Teleconverter for PZ-Cameras ... 79.95
2x-7 Element Converter f/Pentax AF ... 119.95
Auto Focus 25 Extension Tube ... 69.95
AA Batt. Pack For ZX Camera ... 69.95

DATA BACK & ACCESSORIES

Date Back FG ... 49.95
F .. 89.95 FB ... 109.95 FC ... 89.95 FI ... 39.95
FE ... 109.95 FDP-1 ... 109.95 FD ... 109.95
Focusing Screen for PZ-1/PZ1P ... 36.95
Beattie Interscreen f/PZ-1 ... 62.95
Cable Switch F . 26.95 Hot Shoe F ... 23.95
Off Camera Shoe 44.95 Hot Shoe FG ... 39.95
Ext Cord 5P ... 24.95 Magnifier F ... 39.95
Remote Battery Pack F Set ... 49.95

AF FLASHES

Achiever 260 AF f/ZX & PZ Cameras ... 79.95
Achiever 630 AF f/ZX & PZ Series ... 129.95
220T ... 49.95 330FTZ ... 139.95 240 FT . 89.95
AF-400FTZ ... 264.95 AF-500FTZ ... 269.95
Lumiquest Bounce For 500/FTZ ... 24.95
AF-140C Ring Flash ... 329.95
HOVE BOOKS FOR ALL PENTAX CAMERA . 18.95

MANUAL FOCUS SLR

K-1000 ... Call LX Body ... 1199.95
P-3N ... 129.95 P-30T ... Call
ZX-M ... 139.95 W/35-80 A ... 229.95

SMC PENTAX LENSES

28 3.5 Shift ... 999.95 50/1.9 ... 44.95
100 Bellows ... 164.95 500/4.5 ... 1999.95
1000/11 ... 1999.95 2000/13.5 ... 3799.95

SMC A" LENSES

15/3.5 ... 899.95 200/2.8 ED ... 799.95
16/2.8 ... 399.95 80-200 ... 99.95
20/2.8 ... 699.95 400/5.6 ... 1299.95
28/2.0 ... 449.95 1200/8 ED ... 4999.95
50/1.2 ... 649.95 1.4X S ... 184.95
50/2 ... 49.95 2X AS ... 339.95
35-80/4 ... 79.95 400-600/8 ... 1249.95
1.4XL ... 299.95 2XL ... 399.95
Auto Bellows A ... 299.95
Stereo Viewer w/ Stereo Adapter ... 259.95
Slide Copier ... 109.95 Angle Finder ... 129.95
Data Back FJ For ZXM ... 34.95
Slide Holder ... 99.95 Copy Stand ... 269.95
Macro Focus Rail III ... 149.95
Helicoid Tube ... 99.95 Mirror Adapter 169.95
Auto Extension Tube Set ... 109.95
2x-7 Element Convertor f/PK ... 79.95
"K" Body – Use Screw Mount Lenses ... 19.95
Screw Body – Use "K" Mount Lenses ... 49.95
T-Mount f/Pentax K or S ... 19.95
C-Mount f/Pentax K or S ... 29.95
Power Winder w/Grip ... 44.95

FLASH ACCESSORIES

AF-14 Flash ... 22.95 AF-260SA ... 59.95
AF-160 SA ... 32.95 AF-200S ... 59.95
AF-201 SA ... 39.95 AF-200T ... 69.95
AF-280T ... 139.95 AF-400T ... 346.95
Eye Cup ... 8.50 Telephoto Adptr. 24.95
Wide Angle Adaptor ... 19.95
510V Power Pck 129.95 Transistor Power Pck. 119
AF80C Ring Light Flash Set ... 249.95
AC Adapter ... 79.95 4P Sync Cord ... 39.00

POWER WINDER w/GRIP

• Fits PENTAX Series Bodies
• Single or continuous
• Auto Shut-off at Film End
• LED Indicator
44.95

LX SYSTEM ACCESSORIES

FA-1 .. 249.95 FE-1 .. 199.95 FC-1 ... 139.95
FA-1W 299.95 FF-1 .. 139.95 FD-1 ... 139.95
FA-2 ... 99.95 FB-1 .. 299.95 FD-2 ... 44.95
Winder LX ... 549.95 Motor LX ... 699.95
Nicad Battery Pack LX ... 199.95
Dial Data Back LX ... 49.95
LX Focusing Screens ... 32.95
Motor Drive Grip M ... 149.95
Beattie Intenscreen f/LX ... 62.95

LEICA R

USA 3 Year Passport Warranty
R-8 ... 1729.95 R-6.2 ... 1729.95
28-70/3.5/4.5 ... 949.95
50/2 R ... 895.95 Less $200 Rebate . 695.95
Beattie Intenscreen f/R ... 57.95
24/ 2.8 ... 1799 28/2.8 Demo ... 1249
35/2.0 ... 1499 50/2.0 ... 739 50/1.4 ... 1699
180/2.8 ... 2539 35-70/2.8 ASH ... 3195
35-70/4 ... 999 80-200/4 ... 1639
70-180/2.8 Vario APO 3899 105-280/3.5 ... 4799
1.4x APO Conv .. 1079 2x APO Conv ... 1495
R Motor Demo ... 389 Winder R Demo ... 279
Screens ... Call Beattie Screen ... 59.95
R8 Winder ... 474.95
Book Leica M or R Compendium ... 59.95

LEICA M SERIES

M-6 ... 1695 M-6 Titanium ... 1949.
M-6 w/Higer View Finder TTL ... 2149.
M-6 TTL ... 1799. 90/2.0 ASPH ... 1695.
21/2.8 ASPH ... 2295. 135/3.4APO ... 1599.
24/2.8 ... 1679. 28-35-90/4ASPH. 1799.

PLEASE VISIT US ON THE WEB FOR WEEKLY SPECIAL WWW.SMILEPHOTOVIDEO.COM

29 WEST 35th STREET, N.Y., N.Y. 10001
BET. 5th AND 6th AVENUE

SMILE PHOTO & VIDEO

FOR ORDER ONLY
CONTINENTAL USA AND CANADA
TOLL FREE:
1-800-516-4204
E-MAIL
sales@smilephotovideo.com

PLEASE VISIT US ON THE WEB FOR WEEKLY SPECIAL WWW.SMILEPHOTOVIDEO.COM

BINOCULARS SPOTTING SCOPES BINOCULARS

BAUSCH & LOMB

SPOTTING SCOPES
With 20x 45 Exepice
60MM Cameo Armored w/tripod, case, strap 259.95
15-45x60 Elite Zoom 349.95
77MM Elite Premier 549.95
20-60x70 Elite Zoom 429.95
15 x 45 Nature View 119.95
10x30x50 Kit 229.95

DISCOVERER
ZOOM 15x60 POWER TELESCOPE
1000-4000 Zoom on SLR Body $169.95
Car Window Mount 33. Camera Mount 19.95
Soft Case 16.95 Field Tripod 39.95

ELITE
7x24 219. 7x24 Waterproof 249.
8x42 Armored 649. 8x42 Waterproof 669.
8x50 Waterproof 709. 10x42Waterproof 699.
10x42 Armor 699. 10x28 229.

DISCOVERER
7x24 A/WP 259 10x28 A/WP 269
10x50 CF 249
61-2010 7x35 149.95 61-2040 10x50 199.95
7x42 269.95 10x42 299.95

CUSTOM
7x26 Compact 199.95 9x26 Compact 219.95
8x36 199.95 10x40 Armored 219.95
11x80 199.95

LEGACY
7-15x35 119.95 8-24x50 129.95
7x35 EX W/A 79.95 8x40 W/A 79.95
8x22 FRP 39.95 9x25 Compact 79.95
8x24 69.95 10x25 FRP 39.95
10x25 84.95 10x24 Waterproof Call
8x24 Waterproof Compact 129.94

YARDAGE PRO
Pro 600 Compact 259. Pro 1000"1" 339.95
Pro 400 DX"1" 209.95 Pro 800"1" 339.95
Pro 400 189.95 Pro 800 289.95

BUSHNELL

TROPHY (Water & Fog Proof)
8x25 Compact 57.30 10x25 Compact 59.95
8x32 129.95 10x42 139.95

SPECTATOR & II
7x50 Waterproof 79.95
7x15x35 99.95 8x21 29.95
7-21x40 109.95 8x23 49.95
7x35 49.95 8x40WA 64.95
7x50 49.95 8x42 59.95
7x21x40 99.95 10x50WA 79.95

BIRDING NATUREVIEW
8x40 34.95 8x42 69.95
8X30 59.95 10x42 84.95
10x30 Compact 79.95 7x32 89.95
Xtra-Wide 7x32 89.95 10x50 XW 119.95

LEGEND
10x42 Waterproof 239. 8x42 Waterproof 229.

WATERPROOF
7x42 139.95 7x50 99.95
8x25 Angler or Polarized 59.95
7x50 Marine w/compass 159.95
7x60 Marine Fog Proof 169.95

CANON

8x22A 59.95 8x23AWP 74.95
8x32AWP 119.95 10x25A 64.95
12x36IS w/Image Stabilizer 619.95
10x30 IS w/Image Stabilizer 349.95
15x45 IS w/Image Stabilizer 949.95
5x17 FC 59.95 7x17 FC 69.95
8x23 A 39.95

MINOLTA

NEW ULTRA COMPACT II
6x16 76.95 8x18 82.95 8x18 I 119.95

COMPACT
6x18i 69.95 8x24W 49.95 8x25 49.95
10x25 54.95 8-17x25 104.95 10x23 54.95

POCKET
7x21 59.95 8x22W 79.95 9x24 84.95
10x25W 89.95 8x25WP 79.95 10x25WP 87.95

STANDARD
7x35EW 44.95 7x50XL 79.95
10x50EW 79.95 7x21x50 109.95
7x50EW 67.95 8-20x50 129.95
7-15x35 119.95 10x50XL 104.95
7x35XL 59.95 12x50XL 109.95
8x17x25 99.95

EZ
8x20 Pocket 49.95 8x21 Compact 47.95
7x35W 49.95 7x50 61.90
8x22 54.95 10x25 59.95
8x30 52.95 10x50 58.95
7x15x35 83.90 8x20x50 93.90

NEW! CLASSIC SERIES
7x50 59.00 10x50 54.00 8x40 48.00

MARINER (WATERPROOF)
8x32 149.95 10x40 169.95 8x16x32 249.95

WEATHERMATIC (WATERPROOF)
8x23 99.95 10x23 129.95
7x50 179.95 10x42 yellow 149.95
7x42 149.95

AUTOFOCUS
8x23* 109.95 10x23 109.95
10x25 129.95 8x22 79.95

NEW ACTIVA
7X35 W 99.95 7X50 109.95
7X15 X35 133.95 8X20 X59 149.95
8x25 74.95 8X40 W 109.95
10x25 79.95 10X50 W 119.95
12x25 84.95 12X50 W 124.95
8-22x27 zoom 119.95 10-30x27 129.95
TRIPOD ADOPTOR FOR ACTIVA BINO. 24.95

ZEISS

CLASSIC POCKET
8x20B 249.95 10x25B 259.95

DESIGN SELECTION POCKET
8x20B 299.95 10x25B 319.95

NIGHT OWL (RUBBER ARMORED)
7x45B 769. 8x56B 899.
8x30 Call 10x56B 969.95

RUBBER ARMORED
7x42 689.95 7x50B IFT 949.95
8x20 369.95 8x30B 639.90
8x30 CFT 619.95 8x56B 799.95
10x40 689.95 20x60 3399.00
15x60 CF Call 20x60 Call

SPOTTING SCOPE
30 x 60 BCA 1099.95
20 x 60 949.95

KENKO

KENKO BINOCULAR
Wonder Binocular 12.5-50x26 129.95
Wonder Binocular 10x30-25 Zoom 99.95

NIKON

TRAVELITE SERIES
9x25 69.95
8x25 73.95 10x25 69.95
12x25 93.95 8x20x 25 Eagleview 114.95
10 x 22 x 50 ScoutMaster XL 129.95

SPRINT & MEDALLION
7x21 49.95 9x21 56.95
8x21 54.95 10x21 59.95

COMPANION
8x20 D 55. 10x25 D 59.
8x23 Diplomat 129. 10x25 Diplomat 149.
8x25 Mountainer 149. 10x25 Mountain 179.
8x25 Adventurer 74. 10x25Adventurer Call
6x15 S.E. 184.

ACTION SERIES
7x35 CF 49.95 7x35 Nauturelist 64.95
8x42 149.95 7-15x35 109.95
10x42 149.95 8x40 IF SP 77.95
8x40 Egret 77.95 10x50 Lookout 94.95
12x50 Fieldmaster 99.95
8x28 Buckmaster Laser 800 .299.95

CRITERION
8x32D 229.95 10x70 IF 499.95
8x40D 449.95 10x40D 199.95
7x35E 219.95 10x35 E 259.95
7x50 Prostar 499.95 8x30E 209.95
12x50 Superior 639.95
8-16x40 CF Zoom XL 399.95
10x42 Superior E 499. 10x70 Astrolux E 969.95
8x32 Superior E 459. 5x15 Titanium 299.95
8x42 Venturer LX 769. 10x42 V-LX 839.95
18x70 Astrolux Call 20x120 Bino,Tele Call

SKY & EARTH
7x35 Lemur 79.95 7x35 Gold Star 89.95
8x40 Talon 89.95 10x50 Kess 119.95
8x30 Trailblazer 359.95
8x40 Monarch 189.95 10x40 Monarch 209.

FIELD & SPOTTING SCOPES
7898 Fieldscope 78mm ED Body 969.95
7899 Fieldscope 78mm ED Angled Body 1039.95
7393 60mm Fieldscope 339.95
7395 60mm ED Fieldscope 599.95
7397 60mm Outfit w/20-45 Eyepiece Kit 559.95
Eyepieces Call Photo Attchmnt 129.95
7709 Fieldscope ED 20x60 Scoutmaster 399.95
7832 Fieldscope II w/zoom 20-45x60 299.95
7836 Fieldscope IIA w/zoom 20-45 449.95
7837 Fieldscope ED 599.95
7838 60 Fieldscope IIA Body 349.95
7839 60 ED Angled 449.95
7894 Fieldscope 60mm E 299.95
7895 Fieldscope 60mm ED 499.95
7900 16-47x60 Spotter XL 319.95
7834 20x60 219.95 7835 15x45x60 299.95
7313 20X Nature Scope 319.95
7350 20x60 Spotting Scope 149.95
7351 15x45x60 Spotting Scope 219.95

7X50 NIKON BINOCULARS
7319 7x50 Shorline 89.95
7857 7x50 Starvue 109.95
778 7x50 Owl II 129.95
7865 7x50 IF Wind Jammer 149.95
7784 7x50 CF HP 179.95
7440 7x50 ocean 199.95
7441 7x50 ocean w/compass 269.95
7996 7x50 IF Sport and Marine 189.95
7869 7x50 IF Sport and Marine 249.95
7794 7x50 IF Tropical HP Yachtsman 259.95
7785 7x50 Tropical HP Seafar 279.95
7868 7x50 Tropical HP Seafar 349.95
7789 7x50 IF Prostar 549.95
7879 7x-50 Stay Focus II 69.95

PENTAX

UCF MINI
8x21 49.95 10x21 59.95 9x21 59.95

WEATHER RESISTANT
8x24 89.50 10x24 99.95
12x24 119.95 16x24 129.95

UCF-V-G COMPACT
8x24 69.95 10x24 74.95
8x20x24 149.95 16x24 89.95
8x16x21 129.95
12x24 79.95 12x24 III 79.95

DCF SERIES
7x20 Mini 119.95 9x20 Mini 124.95
8x42 209.95 10x42 209.95
12x42 299.95 8x56 199.95
8x42WP 369.95 10x42WP 429.95
8x22 DCF ML 139.95 10x25 DCF ML 159.95

PCF III PORRO PRISM
7x35PCF 79.95 7x35 99.95
7x50 109.95 8x40 109.95 10x50 119.95
12x50 129.95 16x50 129.95
20x50 144.95 7x20 Monocular 69.95

MARINE
7x50 PIF 489.95 10x50 PIF 519.95

FB POCKET
8x18 119.95 10x18 144.95

STEINER

RALLYE
7x50R 339.95 8x30R 169.95
20x80R 679 10x50 R 379.95

SPOTTING SCOPES
8x22 Miniscope 89.95 24x80 699.95

FIREBIRD
8x30 II 174.95 8x30T 219.95
12 x40 269.95

ROCKY / 'S (ROOF PRISM)
8x24 259.95 10x28 299.95
8x42 S 729.95 10x42 S 749.95
12x28 319.95

PREDATOR
8X22 159.95 8X42 689.95 10X42 749.

HUNTING (C.A.T. COATED)
7x50 H 539. 9x40 H 439. 12x40 H 409.
6x30 H 349. 8x30 H 349. 8x56 H 679.

MILITARY/ MARINE
6x30 G 529.95 7x35 G 329.95
8x30 G 199.95 7x50 G 419.95
10x50 G 419.95 7x50 3-D 669.95

COMMANDER
7 x 50 III 699.95 7 x 50 Navigator II 479
7 x 50 Navigator II w/o Compass 379.95

MISCELLANEOUS BINOCULARS
8x30 Safari II 154.95 7x50 EB Pilot 289.95
9x40 Big Horn 339.95 20x80 Senator 849.95

LEICA

8x20 BC Demo 309 8x20 BCA 309
8x20 BCTitanium 309.95
10x25 BC Call 10x25 BCA Call
8x20 BCA Demo 309 10x25 BCA 309
8X50 BA Hunting 929 10x42 BA Hunting 849

NEW GENERATION
7x42 BA Call 7x42 Marine 759
7x42 Geovid BD or BDA 229 8x50 BA 919
8x32 BA 689 10x42 BA 849
8x42 BA 799 10x50 BA 999
10x32 BA 899 New 12x50 BA Call

SPOTTING SCOPES
Televid 77 Angled 579 Televid 77 APO Angled 949
Televid 77 Straight 579

ELECTRONIC FLASHES & ACCESSORIES

VIVITAR

283 65.95 2600 24.95 285 HV 79.95
2600D 29.95 1900 18.95 2800 29.95
2000 21.95 2800D 34.95 550 FD 39.95
16A 18.00 16M 12.00 728 AF Zm 39.95
736 AF Flash For Maxxum 89.95
730AF 59.95 740AF 119.95 840AF 139.95
836 AF Zoom Flash for Maxxum 129.95
5000 Macro Ring Light 77.95
Module/5600/5200/3700/3500 29.95
SC-1/SC-2/SC-3 Sensor Cord 24.50
PC-1/PC-31 PC Cords 8.95
Filter Kit 19.95 SL-2 Slave 26.50
Flash Filter Kit 23.95 LK-1 18.95
MFS-1 28.50 VP-1 24.95
AP-1 Holder 7.95 SB-4-AC 22.95
NC-3 Battery 24.95 Charge 20 79.95
FA-1/FA-3 9.50 6x6 Bracket 19.95

SUNPAK

144D 32.95 544 154.95
144PC 34.95 555 189.95
BZ 2600 Zoom 54.95 DX8R 169.95
383 Super 69.95 DX-12R 244.95
2000 DZ 39.95 355 AF 49.95
433D w/Mod 79.95 266D 49.95
433 AF 89.95 CL-1 cluster 49.95
MZ 440AF 119.95 PZ 5000 AF Call
444D 99.95 CL-2 Cluster 34.95
PZ-4000 AF 139.95 Marine 3200 449.95
510V Nicad Batt. 79.95 510V Batt. Pack 68.95
510V Battery 49.95 AC Adap 28.95
Filter Kit 24.95 Tele Fil Kit 27.95
Basic Grip 39.95 Bounce Kit 21.95
6x6 Bracket 26.95 Remote Sensor 39.95
AF Modules for CAN, NIK, MIN 69.95
Bronica Mod 79.95 EOS Mod 33.95

SUNPAK 120J FLASH
THE FIRST BARE BULB REFLECTOR
120J Auto TTL Flash 234.95
120J Auto Pro Flash 195.95
TR-Pak IIa Battery Pack w/Charger 94.95
Spare Battery Cluster for TRI-Pak 69.95
Metal Shoe For 120J 9.50
A/C Adapter for 120J 29.95
Replacement Flash Tube 34.95

622 PRO SYSTEM
622 Super Pro Body 299.95
Standard Head 34.95 Zoom Head 39.95
Diffused 39.95 Infrared 39.95
Bare Bulb 96.95 RingLight 79.95
Wide Flash Head (6x6) 36.95
OBC-6 Charger 64.95 CL-3 Cluster 64.95
Dedicated Remote Cord 37.95
Filter Kit for 622 24.95 Module (F3) 39.95

METZ

Complete w/All Accs. As Supplied by U.S. Mfr.
20 BC-6 39. 32 2-1 133. 45 CL-1 219.
28 C-2 67. 32 Z-2 139. 45 CL-3 279.
28 AF-4C 128. 32 M 2-3 Kit 219 45 CL-3 N/C 329.
30 BCT-4i Call 34 AF 169. 45 CL-4 329.
32 CT-4 Call 40 MZ-3 389. 45 CL-4 N/C 359.
32 MZ-3 169. 40 MZ-1i 259. 45 CL-1 N/C 239
32 Z-1 109. 40 MZ-3i 389.
50 CT MZ-5 w/controller 629.95
60 CT-1 w/ Dryfit Battery 499.95
60 CT-1 w/ Nicad Battery 529.95
60 CT-4 w/ Dryfit Battery 639.95
P-40 Power Pack w/Charger 149.95
P-50 Power Pack w/Charger 299.95
Nickel Metal Battery (5325) 119.95
Charger for Nicad Battery 39.95
Bounce Diffuser 39.95
Dedicated Cord 29.95 Remote Sensor 49.95
Dedicated AF Module 69.95
Heavy Duty Power Pack 119.95
Nicad Cluster & Charger Kit 49.95
Reflex Screen 43.95
Tele Attachment 69.95
Power Grip 79.95 AC Adapter 79.95
Wrist Strap 18.95 Filter Kit 24.95
Mecatwin 179.95 Charger 19.95
Dryfit Battery 64.95 Nicad Battery 95.95
Mecalux II Auto Slave 49.95
Metz Flash System Book From Hove 19.95

FLASH POWER PACKS

QUANTUM

Fast Recycling, High Capacity
Power For Your Flash w/Charger
New! Turbo Z 263.00 Turbo Battery 301.00
Bantam 99.00 New Qpaq-X-2 420.00
Quantum Batt. 1+ 150. QFX-2 458.00
Battery 1 109.95 Battery 20 109.95
Battery 2 170.00 Battery 4 193.00
Q Flash-X 349.95 Q Flash Model T 309.95
Q Flash T-2 391.95
UV-Coated Flash Tube 44.95
QF-70 Quick Release "L" Bracket 69.95
TTL Adapters 49.95 Battery 5 182.00
NEW Radio Slave 4i Set 278.00
Radio Slave 4 Set 249.00
Radio Slave 4 Remote I 174.00
Radio Slave 4 Sender I 123.00
Master Slave 100 or 101 75.00

PERMAPAK

No Memory Battery Pack
Jet High Voltage 199.95
960 w/Charger 119.95
60 60 w/Charger 124.95

POCKET WIZARD

Pocket Wizard Digital Radio Slave Set, 16 Channels 349.95

ELECTRONIC FLASHES & ACCESSORIES

ACHIEVER

NEW! 940 LCD TTL
f/EOS, Max, Nikon AF, Pentax AF
GN# 132 Power Zoom, AF Assist to 33ft, Vari Power, Bounce , Swivel, LCD Display Rear Curtain Sync. Auto Off 189.95

630 AF AUTOFOCUS FLASH
Full TTL dedication and flash head zoom bounce and swivel. Guide # 125. Color filter included. 109.95

260 AF AUTOFOCUS FLASH
Multiple TTL auto ranges and zooming (28-85mm) plus bounce capabilities. Guide # 112. Color filter included. 69.95

632LCD FIXED DEDICATED FLASH
TTL w/Five power settings plus bounce zoom and swivel. Guide # 135. 99.95

STANDARD FLASH
115A 26.95 321AZ 39.95
260T 49.95 632T 89.95

FIXED DEDICATED FLASH
DZ260 59.95 632LCD 99.95

COBRA

440 Auto Focus Flash GN112 28-85 TTL Bounce Zoom Fits Eos, Maxxum, Nikon AF 79.95
770 APZ Auto Focus Flash GN125 28-85 TTL Bounce Zoom Fits Eos, Maxxum, Nikon AF 129.
760 AF power Zoom 99.95

PHOENIX

APZ 99 N Power Zoom Bounce, Swivel GN99 109.
Z1F 105 For AF Cameras Bounce, Swivel GN105 99.
82 ZBDA Multi Dedicated Twin Flash Bounce Zoom/ Manual Camera GN82 49.95
RL 59 Ring Light Fully TTL Canon Eos,Maxxum Nikon AF Pentax GN59 119.

NISSIN

HANDLE MOUNT AUTO FLASH
6000 AF Bounce, Swivel GN 185 199.95
5000 GW Twin Flash, Bounce GN 165 179.95
AFS Dedicated Remote Cord 34.95
AFM AF Module 59.95 DPM Ded Module 24.95

SHOE MOUNT AUTO FLASH
220AF GN 72 49.95 300AFZ GN 100 69.95

283/285 REPLACEMENT SHOE/SLAVE
Equipped with: • Built-in Wein HS" Photo Slave • Easily Installed by the user. 39.95

WEIN SLAVES

Peanut Universal Slave 12.95
XL Ultra Slave 49.99
SSL Ultra Slave 67.99
Micro Slave H Prong 19.99
HS Hot Shoe Micro Slave 24.99
SSR Open Channel 149.99
SSR JR 119.95 XT Transmitter 81.99
For E Mono Plug Version Add $10.00

HIGH SENSITIVITY
PN-XL Peanut Slave 24.99
HS-XL Hot Shoe Micro Slave 67.99
XL-8 Micro ULtra Slave 32.95

PRO-SYNC SYSTEMS
PS-500-1 189.95 PS-500-2W 299.95
PS-500-4 4 Channel 299.95

STROBOFRAME

RL-2000 w/1/4" 20 flash mount 96.95
R4-B System w/1/4" 20 flash mount 89.95
Pro-RL w/1/4" 20 flash mount 104.95
NEW Pro-66 f/Hasselblad 84.95
Pro-SQ w/1/4" 20 flash mount 89.95
Pro-T Bracket w/1/4" 20 flash mount 79.95
Pro-T M67 w/1/4" 20 flash mount 89.95
Strobo Press T 69.95
Quick Flip 350 39.95 Quick Flip 120 46.95
VH2000 Stroboflip w/Shoe Mount 57.95
LEPP II Dual Flash Macro Bracket 79.95
LEPP II Bracket w/DLX Ballheads 99.95
Camera Flip Flash Bracket 54.95
QR 66 Denis Reggie Bracket 79.95
Auto Quick Release 49.95
Vertaflip PHD 41.95 Anti Twist Plates 9.95

MOUNT ADAPTERS
Shoe Mount 9.95 Handle Mount 12.95
Metz Mount II 15.95 Metz Mount III 19.95

LUMIQUEST

Pocket Bounce 16.95 Ultrasoft 17.95
80-20 17.95 90-10 16.56
Midi Bouncer f/Metz 19. Big Bouncer 23.95
Promax System 39.96 Promax Acc.Kit 28.95
Barndoors 18.96 Snoot 16.36
Mini Soft Box 14.96
Soft II 23.96 Soft Box 23.50
Battereez Strap 15.95 Glo-Notes 7.76

STO-FEN

OM-B fits Viv 2883/285, Canon 420/430EZ 16.29
OM-EZ fits Canon 540EZ 16.29
OM-C f/Minolta 5200i/5400i, Nikon SB24/25/26 16.29
OM-CT45 fits Metz CT/CL 45 16.95
OM-CT60 fits Metz CT/CL 60 16.29
OM-MZ40 fits Metz 40-MZ, 1-I, 3-I 16.29
OM-MZ50 fits Metz 50MZ-5 16.29
Two-Way Bounce (Specify Flash) 16.29
Sensor Shield 283/285 9.95

STUDIO LIGHTING, STANDS, SUPPORTS & ACCESSORIES

BOGEN STANDS

3095 Backlight Stand 18.95
3320 7" 59.95 3321 8" 59.95
3330 6' 34.95 3089 6' 36.95
3089 6' Bantam Stand 36.95
3097 93" Light Wght. Pro Stand 40.95
3071 7 1/2' Section w/Casters 117.95
3086 8' w/ 1/4-20 Stud 39.95
3333 9' 35.95 3322 13" 79.95
3070 8' Wind-up Steel w/casters 347.95
3073 10 1/2 3 section Steel 109.95
3073 10.5' 109.95 3336 11' 49.95
3072 12' Tall Cine Steel 137.95
3075 12' 3 section Wind-up 494.95
3082 13' w/Casters 79.95
3078 13' No Casters 59.95
3079 Super Stand 15' 9" 183.95
3076 17' 6-section 88.95
3351 8' Air Damped 58.95

BOGEN BOOMS & BOOM ARMS
2945 Mini Boom Kit 48.95
3077 Wall Mounting Boom Arm 93.95
3085 3pc Boom Assmbly w/Weight 79.95
3087 Heavy Duty 3 sect. w/Stand 224.95
3090 Super Boom w/3071 Stand 366.95
3098 Mega Boom 609.95
3399 169.95 3400 139.95

BOGEN SUPER CLAMP SYSTEM
2900 Super Clamp w/Std Stud 22.95
2910 Super Clamp w/3025 Head 39.95
2905 Lite Tite Umbrella Holder 17.95
2906 Extension Arm w/Stud 15.95
2914 Gantry Arm 24.95 2917 Joining Arm 8.95
2929 Variable Magic Arm 94.95
2930 Magic Arm w/Platform 94.95
2935 Articulated Arm 26.95

BACKGROUND SYSTEM
2912 1pc Backgrnd. Holder Set w/Clamps 49.95
2921 Background Holder Hooks 29.95
2950 Autopole Set Of 2 104.95
2950d Deluxe Autopole Set Of 2 122.95
2960 Complete Autopole/Expan Kit 319.95
2985 Motorized Expan Set 94.95
2951 Poles 1.5m 46.95 2952 Poles 2m 51.95
2953 Mini Autopole Set Of 2 96.95
2981 Spring Load Poles 63.95

COPY STANDS
1704 Mini Repro w/ 4 Lights 169.95
1708 Mini Repro Copy w/Light 389.95
1711 Repro Copy Stand w/o Base 256.95
1713 Repro Copy Stand w/30x36 Base Board 339.95
1721 Super Repro Stand w/o Base 399.95
1730 Maxi Repro Coulmn w/30x36 Board 499.95
1731 Maxi Repro Stand w/o Base 434.95
1765 Universal Table 149.95

BOWENS UMBRELLAS
32" White/Silver 29.95 40" White/Silver 39.95

PHOTOFLEX

NEW! STARLITE KITS
ALL KITS INCLUDE STARLITE 3200, SILVERDOME, STARLITE CONNECTOR & STAND & CASTER
X-Small Kit 319.95
Small Kit w/Dome Accessories 399.95
Medium Kit w/Dome Accessories 499.95
Large Kit w/Dome Accessories 639.95
Flex Drop Kit 99.95

LITEDOME/ 293
Extra Small (12x16) 41.95
Small (16x22) 59.95 Medium (24x36) 89.95
Large (36x48) 119.95 X-Large (54x72) 199.95
On Camera XTC II (Specify) 29.95

MULTIDOME/ HV3
16x22-S 99.95 24x32-M 149.95
36x48-L 209.95 54x72-XL 329.95
Multidome Kits Call

SILVERDOME
24x32 Medium 149.95 36x48 Large 209.95
XL Large 54x72 419.95

HALFDOME/ HV2
9x35-S 79.95 21x85-L 179.95

STRIPDOME
8x36-Small 98.95 11.5x54.5-Lg 154.95
Stripdome Kits Call

STROBE CONNECTOR 19.95 & UP
Main & T Clamp 22.95 Conn Clips 12.95
Panel Legs 28.95 Carry Bag 28.95

LITEDISC

	22"	32"	42"	52"
White/Trans	19	29	42	61
White/Gold	21	39	49	59
White/Silver	21	39	49	59
Black/Silver	22	39	49	–
Soft Gold	29	46	58	72
Silver/Gold	31	52	61	75

12" Pocket Lite Disc 13.95

LITE PANEL FRAMES
39x39" 29.95 39x72" 38.95 77x77" 49.95

LITE PANEL FABRIC

	39x39	39X72	77x77
White/Trans.	13.95	21.95	33.95
White/Black	19.95	33.95	55.95
White/Silv or Gld	28.95	44.95	64.95

UMBRELLA

	30"	45"	60"
Hot Silver	28.95	-	
White Satin	12.95	15.95	–
Adj Reflex	24.95	38.95	–
Convertible	21.95	33.95	39.95

Changing Room 74.95

SMITH-VICTOR

PHOTOFLOOD LIGHT KITS
New! K82C 179.95 K6RA 159.95
K83A 234.95 KLC82C 244.95

THRIFTY KITS
KT-500 79.95 KT-750 104.95
KT-1000 99.95 KT-1500 129.95

2 LIGHT 1200W QUARTZ OUTFITS
K102 169.95 K62C 259.95
K61 189.00 K631 329 K40 214

2 LIGHT 1200W UMBRELLA OUTFITS
K22UA 274.95 K42U 276.95

3 LIGHT 1800W QUARTZ OUTFITS
New! K63C 339.95 New! K50B 549.95
K2RA 249.95 New! K33B 429.95

ALLUMINA LIGHTING OUTFITS
K65 264.95 K66 369.95
K85 189.95 K86 249.95

PROFESSIONAL LIGHTING OUTFITS
New! K72B 699.95 New! K74B 749.95
K76B 989.95 K77 569.95

PHOTOFLOOD LIGHTS
A-50, A-80 A-100 49.95
A-120 59.95 A160 139.95
PL 8, 10 63.95 PL 12 72.95

QUARTZ LIGHTS
700 69.95 710 109.95 720 129.95
740 124.95 750 129.95 765 88.95
770 88.95 760 79.95 Q60 88.95

LIGHT STANDS–STEEL
S-5 8' 31.95 S-7 6' 24.95
S-4A 10' 34.95 S-10 10HD 39.95

LIGHT STANDS-ALUMINUM
ALS 36 19.95 ALS 37 24.95 ALS 312 39.95
Raven Stands Call

SUNPAK MONOLIGHTS

ACCESSORIES
Tube Cover 19.95
15 FT AC Cord 19.95 Modelling Lamp 19.95

	6"	12"	16"
Relector	29.95	44.95	69.95
Barndoor	79.95	64.95	79.95
Filter Holder	–	44.95	59.95
Grid	59.95	79.95	–

6" Snoot 39.95
Slik MS 103 Light Stand 69.95

BOWENS MONOLIGHTS SYSTEMS

NEW! BOWEN MONOBLOCS Call
0200 4000 299.95 0408 Prolite 82 499.95
0201 9000 349.95 0409 Prolite 100 539.95
0204 Monospot 799.95 0410 Prolite 120 899.95
0400 Voyager 699.95

ALL ACCESSORIES IN STOCK
0100 Copytron 299.95 0103 Illumitran 799.95

AC SLAVES & AC STROBES

SP STUDIO SYSTEMS

MINI PORTRAIT KIT
CONSISTS OF:
2-SP72 AC Slaves (1 W/PC Cord) 1-Barndoor 2-AC Socket Clamps 1-Set of 4 Filters 96.95

STARTER KIT
CONSISTS OF:
1-SP920MDLVP, 1-SP100, 1-Swivel Bracket 1-Light Holder, 1-AC Socket Clamp, 1-6' Light Stand, 1-36" Umbrella 249.95

HOME STUDIO KIT (R)
CONSISTS OF:
2-SP100, 1-SP72, 1-Softbox, 1-Barndoor f/SP100, 2-Holders, 2-Brackets, 1-AC Clamp, 2-72" Stands, 1-36' Umbrella, Case 299.95

HOME PORTRAIT KIT (R)
CONSISTS OF:
2-SP920MDLVP, 1-SP100, 2-Swivel Brackets 2-Light Holder, 1-Barndoor 1-Snoot f/SP100, 1-AC Socket Clamp, 2-72" Light Stands, 2-36' Umbrellas 1-Corplas Case w/Handle 429.95

PRO STARTER KIT
1-SP150, 1 H.D. 8' Light Stand 1-SP Brack, 1 3x3' Softbox 269.95

Excaliber 1600 Monolight 179.95
Excaliber 3200 Monolight 259.95
Excal.1600 Kit 749.95 Excal 3200Kit 879.95
Excaliber 1632 Kit $809.95
Inc. 1-1600, 1-3200, 1-920VP 2-8' Stands, 1 6' Stand, 2-42" Umbrellas, 1 Shout, 1-SP Brack, SP Hold 2 Bags
Soft Boxes 2x2 69. 3x2 84. 3x3 94.

COMMERCIAL KIT
2-SP150 AC Strobe, 1-SP100 AC Slave, 2-Swivel Brackets, 1-AC Socket Clamp, 1-Barndooor f/SP150, 1-Snoot f/SP100, 2-90' Light Stands, 1-42' Umbrella 1-Corplas Case w/Handle 589.95

COMMERCIAL KIT 250
w/SP250 Instead of SP150 659.95
2-SP150, 2-SP147VP, 2-Swivel Brackets, 2-AC Socket Clamps, 2 90' Lightstands, 1-Barndoor f/SP150, 1-42' Umbrella 1-Corplas Case w/Handle 639.95

LOCATION KIT STAT 250
w/SP250, Instead of SP150 769.95

PORTFOLIO KIT B
1-SP250, 1-SP150, 1-SP920MDLVP 3-Brackets, 1-Holder, 1-Barndoor, 1-Snoot, 2-Backlight Stand, 2-90' Stand, 1-42' Umbrella, 1-Case 714.95

FLOOD LIGHT BASIC HIT 2 6"STAND 67.95
2 10" REFLACTOR 2 AC SOKETS ACCESORIES CASE

ACCESSORIES

AC SLAVES
100 AC Slave (GN 100) w/PC Cord 59.95
147 VP w/Variable Power (GN147) 99.95
920 w/Model Light & Varl Power (GN92) 99.95
72 AC Slave (GN72) 27.95
72 PC AC Slave w/PC Cord (GN72) 39.95

ACCESSORIES F/ 100/ 147/ 920
4 Leaf Barndoor 18.50 Snoot f/100,147 9.95
Snoot f/920 MDLVP 18.50
Conical Snoot w/Medium Honeycomb 25.95
Softbox 10" x 10" 37.95 Softbox 24" x 24" 54.95

ACCESSORIES F1 SP72/ 72PCT
Barndoor 14.95 Filters 12.95

AC STROBES
150 4 Tube AC Strobe w/Mode Light
• 5 Variance Power Settings
• Front & Rear Slave Sensors 149.95
250 AC Strobe w/Model Light
• Full and half power f/Strobe w/Model Light
• Built-in Slave w/On Off Switch 169.95

ACCESSORIES F/ 150 & 250
4 Leaf Barndoor 29.95
Softbox 2" x 2" 59.95
Softbox 2" x 3" 64.95
Softbox 3" x 3" 84.95

LOUPES LOUPES LOUPES

CANON

4X magnification loupe 109.95
8X magnification loupe 159.95
Nikon 3x 23.95 4x 29.95 5x 39.95

SCHNEIDER

4X for 35mm 99.95 6X Aspheric 239.95
6X 154.95 8X 169.95 10X 234.95

RODENSTOCK

4x 35mm Aspheric Loupe 99.95
3x 6x6cm Aspheric Loupe 199.95

KENKO

Excel 5.X f/6x6 109.95
Excel 8X f/35mm 119.95
Precision 4X f/35mm Negatives 74.95
Precision 6X f/35mm Negatives 89.95
Long Eye Relief 8X 99.95
4x Aspheric F/35mm 109.95

HORIZON

4X Folding 14.95 10X Viewing 39.95

ESCHENBACH

1153 8X Magnifier 13.95
2616 4X Full Frame Square 27.95
2626 6X Wide Angle 28.95

PEAK

2018 8X 25.95 1996 30X 46.95
1960 5X 12.95 2018 WPH 8X 39.95
1975S 7X 37.95 1983S 10X 57.95
2016 15X 74.95 1966 10X 24.95
1993 10X 26.95 2035 Head 32.95
2015 7x 44.95 1964 22x 26.95

MISCELLANEOUS

Contax 5x Loupe 179.95
Magna Brite 90mm 4x 41.95
NPC Pro 5.5X Loupe 109.95
Pentax 5x11x Zoom 179.95

120 FILM LOUPES

Kenko 3x f/6x7 149.95
Peterson 6X Viewing Lens 119.95
Schneider 6x6 Magnifier 219.95

SMITH-VICTOR

AC SLAVES
New 200W Monolite 199.95
New 300W Monolite 239.95
New S-100M AC Slave
w/60W Modeling Light, GN 100
inc: Umbrella Mount, 15' Power Cord Test Button, 10" Synch Cord 87.95
New S-20 AC Slave GN 33 25.95

AC SLAVE THRIFTY KIT
KF-1 119.95 KF-24 164.95
KF-2 169.95 KF44 224.95

AC SLAVE TOOLBOX KITS
KF-10 2 Light Pro AC Slave Kit
inc: 2 S-100M AC Slave w/Synch Cord & Stand Mount, 2 6" Raven Aluminum Light Stands, Toolbox Case 299.95
KF-12U 2 Light Pro Umbrella Slave Kit
inc: 2 S-100M AC Slave w/Synch Cord & Stand Mount, 2 6" Raven Aluminum Light Stands 319.95
KF-13U 3 Light Pro Umbrella Slave Kit
inc: 3 S-100M AC Slave w/Cord & Mount, 3 6" Stands, 2 33" White Umbrellas, Toolbox Case 439.95
KF-23U 3 Light Background Slave Kit
Inc. 2 S-100m & 1 S-45, 3 stands, 2 Umbrellas & case 359.95

NRG

LIGHTING KITS
Complete w/Heads, Stands, Bulbs and Carry Case
1000 watt 2 Light Kit 249.95
1500 watt 3 Light Kit 329.95
1200 watt 2 Light Quartz Kit 289.95
1800 watt 3 Light Quartz Kit 384.95
1800 watt 3 Focusing Quartz L. K. 459.95
NEW! 3000W 3 Light Louation Kit ..Call
NEW! 4000W 4 Light Louation Kit ..Call

COPY STANDS

TESTRITE

CS-1 46 w/Lights 89
CS-2 59 w/Lights 99
CS-3 81 w/Lights 139
CS-4 104 w/Lights 154
CS-5 168 CS-6 64

SMITH-VICTOR

Copy Lights (Pair) 39.95
Copy Lights w/Reflectors (Pair) 59.95

PRO COPY STAND KIT

Lights and copy Holder $179.95
The PRO COPY STAND has a 38" high Girder and a sturdy 19x23x¼" baseboard. On the baseboard is a 16x20" copy board. Comes complete with two swivel arms and 4 sockets with aluminum reflectors that side in or out on ½" aluminum tubing.

Ordering information: Please include name, address, & phone number with payment. Personal checks held for clearance. N.Y. State residence add sales tax, Standard Shipping, handling & insurance are additional. Prices in effect until next issue, as old stock lasts. Prices may include rebate. U.S.A. warranty may be additional. Returns accepted on most items within 10 days with prior authorization: Unused and in its original packaging. Shipping charges are not refundable. All orders & accemtance are subject to verification.

FAX 24 HOURS
1-212-967-5912
1-800-699-2836
WE ACCEPT C.O.D.

29 WEST 35th STREET, N.Y., N.Y. 10001
BET. 5th AND 6th AVENUE

SMILE PHOTO & VIDEO

POPULAR PHOTOGRAPHY CHECKRATED STORE

HOURS:
MON.–THURS 9-6 / FRI. 9-1:30
SAT. CLOSED / SUN. 10-4
FOR ORDER & INFORMATION
1-212-967-5900
E-MAIL
sales@smilephotovideo.com

PLEASE VISIT US ON THE WEB FOR WEEKLY SPECIAL WWW.SMILEPHOTOVIDEO.COM

MAMIYA MAMIYA MAMIYA

Cash Rebates & Free Products Direct From Mamiya
On Every New Camera and Lens Purchased or Leased

NEW! 645 PRO AF

645 PRO & PRO TL CAMERA BODY

Cash Rebate On Every 645 Lens $100
24mm f/4 ULD...* 35mm f/3.5N...*
45mm f/2.8N...* 50mm f/4 Shift...*
55mm f/2.8N...* 55mm f/2.8 Leaf...*
80mm f/1.9N...* 80mm f/2.8...*
80mm f/2.8 Leaf...* 80mm f/4N Macro...*
120mm f/4 Macro...* 150mm f/3.5N...*
150mm f/3.8 Leaf...* 150mm f/2.8...*
200mm f2.8 APO...* 210mm f/4N...*
300mm f/5.6N...* 300mm f/2.8 APO...*
500mm f/5.6...* 500mm f/4.5 APO...*
105-210mm f/4.5...* 55-110mm f/4.5N...*
Free 55-110 or 105-210 Value $1800
When You Buy a 645 Pro TL, Lens, Magazine,
AE Prism Get Zoom lens

645 SV PACK II*

645 SV pack, w/645 Pro TL Body
w/AE reflex viewfinde...2699.00
Free SV Motor Drive Grip
(Value $349)w/SV Pack II
SVXP II Pack 645 Pro, 80 Lens, 120
Magazine, Prism Finder...1999.00
*FREE Light Panel $80 Value

Waist Level Finder...149.00
Prism Finder..529.00 AE Prism Finder.999.00
Pro 120 or 220 Back...429.00
Pro 35mm Back..569.00 SV AE Reflex Finder 529.00
Pro Polaroid Back...429.00
Pro Left Hand Grip...225.00
Power Drive Grip SV...299.00
Tripod Adapter N ... *Special* 24.50

MAMIYA 645 LENSES

145/4.0...999.95 150/3.5 Soft Focus 799.95
300/5.6 Demo 699.95 70/2.8 L/S...499.95
300/5.6...949.95 500/8 Mirror...499.95
55-110 4.5 Demo...1299.95
80/2.8...499.95 Auto Ext Tube #1..119
Auto Ext Tube #2..129 Auto Ext Tube #3...139
Focusing Handle...34.95
2X Converter...189.95
2X Tele-converter...739.00

645 SUPER

W/L Finder S .139.95 Prism Finder...249.95
Left Hand Grip...139.95
Wind Up Crank N...34.95

645 SUPER & PRO ACC.

Angle Finder N w/case...249.95
2x Magnifier N w/Case...69.95
Magnifier with Flip-Up...145.95
Focusing Screens (Specify)...39.95
120 Insert w/Case.79.95 220 Insert...89.95
35mm Insert w/Case...144.95
Universal Magnifier w/Flip up...193.95
Power Drive Grip 2...549.95
Power Drive f/645 Super...299.95
A.C. Adapter for Above...183.95
Soft Case for Super...49.95
Connecting Ring CN-67...29.00
Auto Bellows N w/Cable Rel...999.95
Bellows Lens Hood...215.95
Ext. Batt. Holder...59.95
Auto Bellows...799.95
Ring f/Bellows Hood...24.95
Tripod Plate for Above Battery...19.95
Revolving Camera Stage...549.00
Auto Macro Spacer for 80 F4 Macro...129.95
Eye Cup f/Prism Finder...19.95
Electro Magnetic Cable...99.00
Mamiya Lens Cases 45/55/80 mm...19.95
Radio Remote Set...99.95
Slide Cutter...39.95

645 & 1000S ACCESSORIES

Waist Level Finder...89.95
AE Prism Finder...499.95
CDS Prism Finder...379.95
PD Prism Finder S...499.95
Pistol Grip...69.95
Grip Holder...34.95
Accessory Shoe for Grip...34.95
Deluxe Grip....104.95 Soft Case...49.95
Film Adv. Crank...19.95
Rubber Eye Cup...14.95
Focusing Screens...34.95
Revolving Tripod Adapter...149.95

MAMIYA 6 & 6MF

Mamiya 6 Body...1699.00
75mm f/3.5...$100 50mm f/4.0...$100
150mm f/4.5...100
Close-up Att...499.00
35mm Panoramic Adapter...179.00
Mamiya Lenshood...29.95
Tripod Adapter N...24.50

NEW MAMIYA 7 II BODY

$300 Cash Rebate
Plus $100 Cash Rebate On
Every Mamiya 7 Lens:
43mm f/4.5...$100 50/4.5 w/optical .$100
65mm f/4 lens...$100 80mm f/4...$100
150mm f/4.5...$100
Optical View Finder f/150...219.95
Panoramic Adapter *25.95 Pro T-Bracket...94.95
Ext Batt. Holder 89.95 Mamiya System Guide 19.95
Close Up Adaptor Kit...369.95

NPC POLAROID BACK

MF-1 Hasselblad.224 MF-2 Hasselblad..339
MF-3 Mamiya RB67.189 MF-4 Mamiya RZ67.189
MF-5 Bron ETR-S.159 MF-6 RB-67 SX-70..499
MF 14 Bron SQ..184 MF 15 Bron GS1..203
MF-16 Fuji GX680 249 MF-17 Mamiya 645..279
MF-21 Pentax 6X7.749 MF-22 Mamiya 6/7 .899
MF-23 Fuji 690.1049 MF-24 Pent 645.1229
MF 32A RZ 67....189 MF 32 RZ 67...329.95
New! MF 52 Hasselblad 2 Images Per Frame .549

NEW CONTAX MEDIUM FORMAT

645 Body, Back, Finder,80mm Lens...3999.95
35/3.5 T Distagon...2299.95
45/2.8 T Distagon...2149.95
80/2.0 T Planar...1495.95
140/2.8 T Sonnar...2149.95
210/4 T Sonnar...2149.95
120/4 Apo/Makro...2295.95

RZ PRO II CAMERA BODY

Body W/Any Lens & Magazine
Free Polaroid Back Value $500
Above w/the Prism Finder
Free Polaroid Back & 120 or
220 Magazine Value $1100
RZ BODY 120MAG./110 & W.L.F. Kit
Free Polaroid Back Value $500
37mm f/4.5...* 50mm f/4.5W...*
65mm f/4.0 L-A...* 75mm f/4.5 Shift...*
90mm f/3.5W...* 110mm f/2.8W...*
140mm f/4.5 Macro...* 150mm f/3.5W...*
180mm f/4.5W...* 210mm f/4.5 APO...*
250mm f/4.5W...* 250mm f/4.5 APO...*
350mm f/5.6 APO...* 500mm f/8...*
500mm F/6 APO...* 100-200mm f/4.5...*
Free! 120 or 220 Back With
purchase of Any lens

MAMIYA RZ LENSES

Special 127/3.8 .899.95 50mm/4.5 ULD...*
210/4.5 APO Demo...2599.95
180/4 Variable 50FT...*
1.4X Tele-Converter...789.95
100-200 F/5.2W Demo...1999.95

RZ 67 PRO II

120 Magazine II 635.00 220 Magazine II 645.00
Pro 120 Back 6x4.5 II...645.00
120/220 Film Insert...329.00
Quadra 72 Film Back...539.00
Pro II Polaroid Holder...489.00
New! Pro II AE Prism...1229.00
Waist Level Finder.179.95 Prism Winder 2 849.00
PD Prism Finder 1199. Shift & Tilt Adapter 1499.
PD Prism (212-402) w/Case...699.95
Adjustable Diopter Finder...199.95
Power Winder 2...549.00
Aerial Grip for Power Winder 2...299.00
AC Adapter for Power Winder 2...179.95
Mirror Up Cable.79.95 Shutter Release Cable 109.95
Radio Remote Set .99.95 Infra Red Remote.494.00
Lens Hood...29.95 Soft Case RZ...89.95

FOR RZ 67 ACCESSORIES

Special 220 Back (212-501) Demo...399.95
Polaroid Film Back...349.95
Bellows Hood G2.169 Hood G3...519.00
Front Bellows Hood .226.00 Gelatin Filter Holder..59.95
Auto Tube # 1 439.00 Auto Tube # 2 .475.00
RZ Adapter G...99.95
Can use an RB67 Back on A RZ 67 Body
L Grip...191.00 RZ Screen...47.95
Flashgun Bracket...44.95
Cesar Pro Flash Bracket...239.95
Multi Angle Grip...239.95

RB 67 PRO SD

Body W/Any Lens & Magazine
Free Polaroid Back Value $500
Above w/th Prism Finder
Free Polaroid Back & 120 or
220 Magazine Value $1100
37mm f/4.5 Fisheye...* 50mm f/4.5...*
65mm f/4.0 KL...* 75mm f/3.5 KL...*
75mm f/4.5 Shift...* 90mm f/3.5 KL...*
127mm f/3.5 KL...* 140mm f/4.5 Macro...*
150mm f/4 Soft focus...* 150mm f/3.5 KL...*
180mm f/4.5 KL...* 210 mm f/4.5 APO...*
250mm f/4.5...* 250mm f/4.5 APO...*
350mm f/5.6 APO...* 500mm f/8...*
500mm f/6.0 APO...* 100-200mm f/5.2 w/Brkt...*
120 or 220 Back SD...559.00
120 or 220 6x4.5 SD Back...599.00
Polaroid Back SD...469.00
NPC Polaroid Back (MF3)...174.00
120 or 220 SD Inserts...379.00
Quadra 72 Back RB...539.00
70mm Back w/Suction Bulb...999.95

RB LENSES

65/4.5...999.95 127/3.8...899.95
140/4.5 Macro 1099.95 250/4.5...999.95
360/6.3...1299.95 180/4.5...999.95
150/4.0 Soft Focus "DEMO"...1179.95
100-200 5.2 Demo...1999.95

ACCESSORIES FOR RB 67

120 Pro S Film Holder w/Ins...259.95
Pro S Film Holder Shell...199.95
Prism Finder II .849.00 PD Prism Finder.1199.00
RB 67 CDS Prism Finder...499.95
6x4.5 120 Insert...249.95
CDS Finder...329.95 W.L. Finder...129.95
120/220 Roll Film Power Drive Set
w/220 Pressure Plate...499.95
Polaroid Film Back...199.95
Polaroid Film Back w/P Adapter...289.95
RZ Adapter G – To use any RB67 Back
on A RZ 67 Body...89.95
Adjustable Diopter Magnifier...179.95
Sunshield...69.95 Flashgun Adapter.49.95
Auto Tube KL #1 .449.00 KL #2...499.00
Auto Tube #1 299.00 Auto Tube #2..299.00
6x7 or 6x8 120/220 Power Drive...719.00
Multi Angle Grip...239.95
Bellows Lens Hood G3...519.00
Mounting G-3 Ring...64.95
'M' Adapter...49.95 Revolving Adpter 129.95
Aluminum Case 325.00 Accessory Shoe 27.95
Single Action Hood...169.95
Mamiya System Book...27.95
Flashgun Bracket...59.95
Mirror Up Cable Release...69.95
Bellow Lens Hood G-2...189.95
Gelatin Filter Holder...53.95
Eyepiece Correction...21.95
Pistol Grip II...79.95 Lens Hoods...24.95
Screens...47.95 Quick Shoe#3..199.95

C 330

80/2.8...369.95
135/3.5...499.95 65/135 Case...24.95
Lens Hood...55.00 Prism Finder...369.00
Pistol Grip...84.95 Magnifying Hood 239.95
Multi Angle Grip 239.95 Focusing Screens .24.99
CDS Poro Finder 199.95 Eyepiece Correction..15.95
C220/330 Focus Hood...69.95

FUJI PRO

GA 645i Demo..979.95 GA 645Wi Demo..999.
NEW! GA 645Zi...1889.95
GW 670 III...1259.95 GW 690 III...1259.95
GSW 690 III...1278.00
*Free High Power Strobe From Fuji

GX 617 SYSTEM

GX-617 Body...2663.95
90/5.6...2606.00 105/8...2500.00
180/6.7...2351.00 300/8...2834.00
0% Financing on GX680 III w/ Free Film

GX680 SYSTEM

GX-680 III Body Only 2729.95 Gx680 IIIS 2195.95
Beattie Screen...Call
50/5.6 .2646. 65/5.6..2096. 80/5.6..1656.
100/4.0 1143. 125/3.2 1622. 125/5.6 1058.

HASSELBLAD

NEW 501CM Body Chrome or Black..1495.00
501C w/80 + A12...2595.00
501CM w/80CB + A12...**2595.00
503 CX Body...999.00
503 CX Chrome Body "DEMO"...899.00
503 CW Body...*1695.00
500 ELX Body Chrome...1199.95
553 ELX Body Black "DEMO"...1799.00
NEW! 555 ELD...2859.95
2825 202FA...2994.95
903 SWC w/Finder & Lens...4699.00
2000 FCW "DEMO"...1499.00
903 SWC "DEMO"...3399.00
FLEX Body CP 2095.00 ARC Body...2499.00
ARC Body Kit w/45-4.5...4599.95
NEW! XPAN Kit w/45/4 & Accessories.1899.00
NEW! XPAN Dual Format 35mm...1599.00
45/4 f/xpan...439.00 90/4 f/xpan...549.00
Buy A CFE or CB or CFI Lens Recive A
PM-5 Prism or PM-90 or A12 or A24 Back

CF-CF1-CFF LENSES

CF LENS CASH REBATE $100 / $300
30/3.5...5269 40/4.0 CFE...3849
50/4.0 FLE...2499 60/3.5 CB...1899
75/4.5...2804 80/28...1299
80/28 "DEMO"...1099 100/3.5...2179
120/4.0...2499 135/5.6...1999
150/4.0...2199 160/4.8 CB...2199
180/4.0...2599 250/5.6...2795
250/5.6 Super Achromatic...4299
350/5.6 T, S...6399 350/5.6...3899
500/8.0...4899 1.4x Mutar converter..3199
60-120/4.8...3749.95
140-280/5.6...4999 KENKO 2X...219
2x-E...1199 1.4X XE...995

NEW TCC/ FE SYSTEM

201 F Body...3294 203 FE Body...5049
205 FCC Chrome Body...6595
NEW! 202FA Body...2995.00

F/ FE/ TCC LENSES

50/2-8...3559 80/2-8...1749
110/2.0...3499 150/2.8 F...1699
250/4.0 FE...3295 350/4.0...7199
60-120/4.8...3699

FILM MAGAZINES

A12...659 E12...919 A12 Used.399
NEW A-12...695 *NEW* A32...865
E12CC (A12TCC).1119 A16...749
E16...959 A24...749 E24...949
Polaroid 100 (8 Exp.) 339 70 Mag...1099
Sheet Film Adapter...174

HASSELBLAD FILTERS

	60	70	93
UV Sky and Colors	119	140	173
Polarizer	239	407	-
Proxars	175	-	-
Softars	189	226	-

Filter Holder...112.00 Center Filter...433.00

CALL FOR SPECIAL PROMOTION

VIEWFINDERS & ACC.

Standard Focusing Hood...240.00
TCC Focusing Hood...247.00
Magnifying Hood...430.00
HM2 Magnifying Hood...194.00
Magnifying Hood "Old Style"...294.00
PM-5 45° Prism 928.00 Winder CW...895.00
PME-3...899.00 PME-51 45°..999.00
PM-90 Prism...599.00 PME-90...899.00
RM-2 90° Reflex Finder...1189.00
RMFX View Finder...209.00
View Magnifier...219.95

CLOSE UP ACCESSORIES

EXTENSION TUBES

8...298.00 E16...257.00
E32...276.00 E56...316.00
Automatic Bellows Extension...1589.00
Lens Shade For Auto Bellows...392.00
Copy Holder...281.00 Ext. Ring...190.00
Lens Mount Adapter...127.00

BRACKETS & FLASH

New! D-Flash 40...379.00
Flash Gun Brackets for CM...397.00
Macro Flash Bracket...228.00
SCA 390 Adapter 201.00 SCA 590 Adapter 199.00
Macro Flash Set...1089.00
Tripod Quick Coupling...118.00
Snack Lock Flash Grip...398.00
Double Hand Grip...189.95
Pistol Grip /500ELX...69.95

ACCESSORIES

Winder F...889.00 Winder CW...895.00
Ext. Arm 45098 .49.95 Lens Flange...69.95
Tripod Quick Coupling Left...89.95
Accumat D Micro/Split Screen...269.00
Pro Lens Shade 6093T...354.00
Correction Slide...74.00
Mounting Ring 60 69.00 Mounting Ring 70 97.00
Mounting Ring 93 127.00 Pro Shade 93 .359.00
Ext. Cord SCA 1M...85.00
Ext. Cord SCA 5M...137.00
Bay 60 to 67mm Step Up Ring...24.95
Lyn Focusing Handle B...19.95
Quick Focus Handle F/40-80CF...58.00
Hand Strap...48.00 Neck Strap...38.00

PRO CAMERAS

KALIMAR
R-66 6x6 Twin Lens
Reflex CamerA 75/3.5 Lens...149.95
HORIZON
35mm Panarama 1200...399.95
NOBLEX
Panoramic Cameras 35mm & 2 1/4mm...Call

PENTAX PENTAX PENTAX

PENTAX 6X7

NEW! 6x7 II 1399.95 6x7 Body...Call
Penta Prism...189.95 Penta Prism II 279.95
TTL Penta Prism...299.95
Folding Focusing Hood...89.95
Rigid Magnifying Hood...129.95
AE Penta Prism Finder II...649.95

6X7 LENSES

35/4.5 Fisheye 849.95 45/4.0...639.95
55/4.0...679.95 75/4.5...469.95
75/4.5 Shift..1559.95 90/2.8...469.95
100/4 Macro..939.95 105/2.4...359.95
120/3.5 Soft...499.95 135/4 Mac...499.95
165/2.8...519.95 165/4.0 LS...679.95
200/4.0...589.95 300/4.0...969.95
500/5.6...1999.95 400/4.0 Edif..4399.95
800/4.0...5499.95 600/4.0...2999.95
800/6.7 Edif .8999.95 1000/8.0 Reflex 5499.95
55-100/4.5 Zoom...1349.95
Auto Bellows Set...1399.95
Slide Copier...849.00
1.4x...499.95 2x...469.00
Extension Tube (Inner)...219.00
Extension Tube (Outer)...109.00
Helicoid Extension Tube...139.00
Reverse Adapter 67mm 49mm...49.00
67 SMC Close-Up Lens...99.00
Hand Grip w/Cold Flash Shoe...84.00
Right Angle Finder...249.95
Magnifier 2x...94.95 Quick Focus Ring .29.95
Quick Shoe Set 99.95 Hot Shoe Grip II...Call
Filter 67-100mm Call 6x7 Eye cup...19.95
Case...99.95 Lens Hoods...54.95
Adapter K f/6X7 Lenses...119.95
Grip II...Call

PENTAX 645

645 Body...1239.95
120 or 220 Film Holder...139.95
70mm Film Holder 645 Set...774.95

NEW! 645N & LENSES

New 645N (Auto Focus)...1659.95
FA-45/28.599. FA-45 85.1299. FA-75/28.339.
FA-300/4 ED.2799.95 FA-400/56 ED 1699.95

645 LENSES

35/3.5...599.95 45/2.8...519.95
55/2.8...449.95 75/2.8...249.95
75/2.8 LS...579.95 120/4.0 Mac...579.95
135/4.0 LS...639.95 150/3.5...399.95
200/4.0...469.95 300/4.0 Edif...2499.95
600/5.6 w/Trunk Case...3799.95
45-85/4.5...999.95 80-160/4.5...939.95
1.4X Convertor.319.95 2X Convertor...379.95
Auto Bellows 645 Set...949.95
Auto Extension Tube Set...309.95
Auto Ext Tube A #2.99.95 Auto Ext Tube A #3 119.95
58 Close Up Lens..79.95 Power Cord...37.95
Remote Battery Pack...59.95
Lens Adapter w/67...119.95
645 Bracket/AF 400T...59.95
Carrying Case..99.95 Lens Hood...54.95
Filters 67mm-82mm-100mm...Call
2x Magnifier...59.00 Right Angle Findr 239.95
Helicoid Extension Tube...139.95
645 Grip...169.00 Reverse Adapter Set 132.
645/67 Quick Shoe Set...99.00
Focusing Screens (Specify)...49.95
Beattie Intenscreen...99.95
645 Reverse Attachment...69.95
Carry Case...91.00 Metal Camera Case 437.00

BRONICA BRONICA BRONICA

NEW BRONICA PROMOTIONS CALL

SQ-AI – 6X6

SQ-Ai Kit w/80-28...2299.95
SQ-Ai Body...929.95 MF Finder S...629.95
SQ-B w/120 Back, 80/2.8, W.L.finder...1699.95
W.L. Finder...129.95 ME Prism...839.95
AE Prism...859.95 AE Prism SQ-i 1079.95
Prism...479.95 35/3.5 PS...2699.95
45D S Prism Finder...499.95
40/4 PS...1199.95 50/3.5 PS...999.95
65/4 PS...929.95 80/2.8 PS...769.95
110/4.5 PS...999.95 135/4 PS...999.95
150/F4 PS...999.95 180/4.5 PS...1299.95
200/4.5 PS...1299.95 250/5.6 PS...1499.95
1.4X PS...865.00 2X PS...845.00
Ext. Tube S-18.459.95 Ext. Tube S-36 459.95
120 or 220 Back w/Insert...389.95
35mm Back w/Insert...569.95
Film Inserts Ai 199.95 6x 4.5 220 Back 399.95
Bronica Polaroid Back...399.95
NPC Polaroid Back 174.95 SQ-Ai motor drive 649.95
Speed Grip...269.95 Pro Lens Hood 239.95
Most Lens Hoods 39.95 Cable Release...39.95
Auto Bellows..899.95 SQ Screens .ea. 59.00
SCA 386 Flash Adapter...189.95

ETRSI – 645

ETRSi Limited Edition w/120 Back...1269.95
ETRSi Body...879.95 Prism Finder...349.00
High Eyepoint Finder Action Prism E..489.95
AE III Prism Finder.769.95 AE-II Finder...739.95
Rotary Finder .459.95 W.L. Finder...99.95
New! 30/3.5 PE 2599.95 Sports Finder..379.95
50/2.8 PE...769.00 40/4.0 PE...849.00
75/2.8 PE...579.95 60/2.8 PE...749.95
105 4.5...849.95 100/4 M PE...839.95
135/4 PE...899.95 150/3.5 PE...829.95
180/4.5 P.E..1049.95 200/4.5 PE...1069.95
250/5.6 PE...1099.95 45-90/.4...1379.95
1.4x PE...769.95 100-220/4.8..1499.95
Ext. Tube E-14 339.95 2x PE...799.95
Ext. Tube E-42 400.00 Ext. Tube E-28.390.00
120 Back...269.95 120 Film Insert 219.95
35mm Back w/Insert...459.95
Bronica Polaroid Back 369. NPC Polaroid Back.154.
Speed Grip E..239.95 NEW!Winder E II 489.95

GS-1 – 6X7

GS-1 Body...1349.95 W.L. Finder...139.00
Prism Finder..569.00 AE Prism Finder..1039
AE Rotary Prism.1099 50/4.5...1299.95
65/4.0...1199.95 100/3.5...1099.95
110/4.0 Mac.1499.95 150/4.0...1099.95
200/4.5...1479.95 250/5.6...1499.95
Orig. Hoods...49.95 2X...879.95
Ext. tube .ea. 482.00 Ext. Tube G-18..479.00
Ext. Tube G-36.479.00 Film Inserts...299.00
120 or 220 Film Back w/Insert...479.95
Bronica Polaroid Back...479.95
Speed Grip G .309.95 NPC Polaroid Back 194.95
Rapid Focusing Lever...59.95
Pro Lens Hood 299.95 Auto Bellows...999.95
GS-1 Screens...68.95 G-1 Flash...389.95
Electronic Cable...49.95

BEATTIE INTENSCREEN PLUS

Extra Bright Focusing Screen

PLAIN OR GRID
Bronica ETR-S SERIES...124.95
Bronica SQ SERIES...109.95
Bronica GS-1...102.95
Fuji GX680...139.95
Fuji G617...169.95
Hasselblad 500 C, EL...124.95
Hasselblad 500 CM, ELM, ELX...134.95
Mamiya 645/1000S...108.95
Mamiya 645 SUPER/PRO w/Frame.119.95
Mamiya C330F/C330F...99.95
Mamiya RB67 PRO/SD w/Frame...139.95
Mamiya RZ67 PRO w/Frame...139.95
Pentax 645...104.95
Pentax 6x7...104.95
Rolleiflex TLR (New Style)...114.95
Rolleiflex TLR (Old Style...114.95
Rollei SLX,SL66E,SL6006,SL6008.114.95

ETRSI ACCESORIES

Original Hoods.34.95 Pro Lens Hood 159.95
Auto Bellows...799.95 ETRS Screens...39.95
TTL Flash Adap.189.95 Flash Bracket..119.95
Soft Effect Filter Kit...99.95 Lens Hoods...39.95
Rapid Focusing Lever E...49.95

GADGET BAGS & CASES GADGET BAGS & CASES

ZERO HALLIBURTON

SILVER OR BLACK W/ FOAM

100...157.50 101...187.50 102...169.50
103...187.50 105...219.50 106...249.50
107...219.50 110...310.50 111...279.50
129...269.50 134...318.50 Notebook.189
ZEROLLER 107 297.50 110/111/129...Call

SILVER OR BLACK W/ DIVIDERS

103...198.50 105...238.95
Zeroller Transport...297.95

NEW MODULAR DIVIDER CASE

103...246.95 105...276.95
Zeroller Black.339.95 110...426.95
Special 18" Attache Case...179.95

TAMRAC

CALL FOR LOW PRICE
NEW SUPERLIGHT BAGS
446 448 449 148 457
PRO SYSTEM BAGS
608 610 612 613 614
615.169.95 620 622 623 624 625
ROLLING STUDIO & STRONGBOX CASES
660 661 662 644
648 651 654 655 677
BACK PACKS & DAY PACKS
745 757 767 777 787
635 637 748 750 752
CONVERTIBLE BAGS
702 705 707 748
TRAVELER
8002.59.95 8003.69.95 8023.34.95 8036.109.95
TRAVELER AND ZOOM BAGS
605 607 636.79.95 603 604 606
WORLD CORRESPONDENT
818 820 823 826 828
LIGHT SPEED HEAVY DUTY
683 684
VESTS & COATS
151.59.95 161.69.95 164.59.95 167..89.95

TENBA

PRO PACKS
P595 P795 P895 B995
750...89.50 780...84.95 V212...64.95
TV-H...59.95 TV-8...54.95
PRO TRAVELER AND TRAVELER
411...48.95 434...58.95 513...109.95
534...87.95 603...47.95 676MF.169.95
684...179.95 895...159.95 C516..119.95
P211...49.95 P215...74.95 P257..239.95
VENTURE
307 308 309 354
206..57.95 209..69.95 306..46.95
PHOTO BACK PACKS
PBA..199.95 PBH-S PBH..239.95 PBP..99.95

LOWE PRO

PROFESSIONAL AW

Pro Mag 1 AW.130.95 Pro Mag 2 AW 149.95
Magnum AW..161.95 MF Version...163.95
Compact AW..126.95 Elite AW...106.95
Commercial AW...191.95
Commercial AW Medeuim Format...216.95
Mini Magnum AW...85.95

OMNI SERIES

Omni Sport...48.95 **Sport Extreme** 111.95
Omni Traveller 85.95 **Traveller Extreme** 134.95
Omni Pro...135.95
Omni Pro w/Extreme 3 (save $20)...227.95
Omni Trekker .179.95 Omni Trekker Ext. 292.95

TREKKER SERIES

Pro Trekker AW...319.95
Super Trekker .309.95 Super Trek AW 389.95
Nature Trek AW 189.95 Photo Trek Classic 152.95
Photo Trekker.152.95 Photo Trekker AW.229.95
Orion AW...122.95 Orion Trekker...60.95
Mini Trekker...99.95 Trim Trekker...120.95
Orion Mini...31.95 Off Road...72.95
Orion...46.95 Off Trail...37.95
Photo Runner..43.95 **Sideline**...51.95

TOP LOAD SERIES

Zoom 1...22.95 Zoom 2...26.95
Zoom AW...49.95 Off Trail 2...62.95

NOVA SERIES

Nova 1...32.95 Nova 2...36.95
Nova 3...39.95 Nova 4...49.95
Nova 5...53.95 Nova Micro...24.95
Nova Mini...28.95 Elite Convertible...34.
Pro Roller Series
Pro Roller 1..256.95 Pro Roller 2...299.95

DOMKE

J-SERIES

J-1...89.97 J-2...103.47 J-3...89.95
J-300..86.22 J-400 989.97 J-600...97.22

CLASSIC SERIES

F-1X..109.95 F-2...79.95 F-3X...72.95
F-4 AF .90.82 F-5XB .42.95 F-6...46.95
F-7...119.95 F-320..54.47 F-801...33.95
F-802..54.95 F-803..74.72 F-804...59.95
F-805...94.95 F-806...72.95

BALLISTIC SERIES

F-1XB...114.97 F-2B...86.22
F-3XB...74.72 F-6B...57.47

EMERALD SERIES

F-2E...97.72 F-802E 74.72 F-3XE...86.22
F-6E...68.97 F-803E...91.97

SLING, TRIPOD & LENS BAGS

F-400..45.97 F-401..51.72 F-402...43.10
F-403..51.72 F-427..27.57 F-432...29.87
F-440...35.62 F-612...73.00
F-618...84.50 F-622...91.97

VESTS

Photogs...57.49 XXL...65.95
Traveler I...64.95 Traveler II...69.95

OUTPACK

Back Pack...159.48 Waist Pack...34.48
Photo Day pack 109.97 Mini Pack...17.23
New Scope Bag 79.95 Dri Safe...29.95

LOWE PRO

STREET & FIELD SYSTEM

Top Loader 70...75.95
Top Loader 75...86.95
Specialist 80...106.95
Specialist 85...125.95
Reporter 100 AW...87.95
Reporter 200 AW...99.95
Reporter 300 AW...118.95
Reporter 400 AW...131.95
Reporter 500 AW...149.95
Deluxe Waistbelt 9/11/13/15...37.95
Shoulder Harness...37.95
Vest Harness...53.95

LIGHTWARE

PRO EQUIPMENT CASES

MF-1629...359.95 MF-1623...284.95
MF-1420...244.95 MF-1217...224.95
MF-1015...224.95 MF-912...184.95

POWER KIT CASES

PK-1200...224.95 PK-1600...294.95
PK-1400...249.95 PK-1800...339.95

CARGO CASES

C-6052...204.95 C-6042...164.95
C-6032...137.95 C-6024...117.95
C-6037...154.95 C-6039...124.95

LONG LENS CASES

300...144.95 400...154.95
600...169.95 Z Pocket...59.95

F. 64 GADGET BAGS

(Made in U.S.A.)

PROLINE BAGS

All w/Removable Side Pockets
Most Available in Balck, Grey, Blue or Green
SCX Extra Large – Holds 2 SLR's & Lenses
8.5" H x 14" L x 9" D...129 .95
SCM Large – Holds SLR & Lenses
6.5" H x 12" L x 8" D...99.95
SC Medium – Holds SLR & Lenses
6.5" H x 10.5" L x 9" D...74.95

CANON

Professional Gadget Bag 1...79.95
Deluxe Gadget Case 10/11...49.95
Deluxe Gadget Bag 10...59.95
Custom Gadget Bag 100...29.95
Professional Back Pack 1...64.95
Deluxe Back Pack 10...39.95
Custom Gadget Bag 200...29.95

OP/TECH

FASHION STRAP

Neoprene Weight Reduction
Strap w/Quick Release...16.95

S.O.S. BAG STRAP

Neoprene Weight Reduction
Strap w/Non-Slip Grip...26.95

SUNDOG

AW Photo Daypack Medium...99.95
AW Photo Daypack Large...109.95
AWConvertible Fanny Pack Mediom...69.95

UNDERWATER SYSTEMS

NIKONOS

Nikonos RS AF Body...Call
28/2.8...499.95 50/2.8...799.95
20-35/2.8...2199.95 13/2.8 R...1449.95
SB-104 Speed Light...849.95
MC-100 Remote Trigger Cord...199.95
Nikonos V Body – Orange or Green...509.95
Nikonos V w/ 35/2.5...639.95
Hard Shell Travel Case...69.95
Original Nikonos Case...44.95
15/2.8...1299.95 28/2.8LW...249.95
20/2.8...599.95 35/2.5...149.95
28/3.5 UW...299.95 80/4 UW...309.95
SB-105 Speedlight...499.95
Nikonos Close-up Kit...179.95
Case for Close-up Kit...44.95
DF-10..84.95 DF-11 239.95 DF-12.149.95
Sunpak Marine Flash f/Nikonos...429.95
28mm/35-80mm Finder...24.50
Double TTL Sync Cord #10204...109.95
Double Bracket Set #10201...239.95
Extension Arm Set #10203...109.95
Sensor Holder #10202...49.95
On Land TTL Sync Cord #10205...59.95
Nikonos System Book...19.95

w/Housing + 27 Exp. Camera...59.95

w/Housing, Camera, Macorkit + Bag...139.95
Aquashot III w/strobe...239.95

IKELITE

Ikelite Optical Finder...109.95
Ikelite Auto Ext. Tube Set...89.95
Substrobe AQ...95.00 Aquashot Tape.19.95

CAMERA AF HOUSINGS

Canon EOS...524.95 **Nikon** AF...524.95
Minolta AF...524.95 Custom Housings .Call

DOME PORT

Dome Port...99.95 Flat Port...84.95

AF HOUSING & STROBE PKGS. W/ ARM. CORD AND PHOTOCASE

Substrobe 50...844.95
Substrobe 100A...999.95
Substrobe 200...1269.95
Substrobe 400...1349.95
Dome Ports...99.95

STROBES

NEW! 4062...649.95 4058...699.95
Substrobe 505...189.95
Substrobe 100...334.95
Substrobe 200...609.95
Substrobe 400...699.95
Smart Charger f/200 & 400...99.95
SS100A NiCad Pack...89.95
TTL Remote Slave...129.95
Litelink f/Canon 109.95 Litelink f/Nikon 109.95

CONNECTION CORDS

TTL Cord (Nikonos)...79.95
TTL Cord (Ikelite)...79.95
Sync Cord...39.95 T-Connector...59.95

VIDEO HOUSINGS

JVC grdv-1,X...649.95 GRO Series...599.95
TRU Series...589.95 TRV900...Call
SONY DCR UX 1000..Call SONY DCR PC1 .769.95
NEW! Mavica Housing...565.95

SEA & SEA

MX-10
MX-10...279.95 MX-10 w/YS-40...429
20mm Lens..189.95 Macro Lens...109.95
Close up Lens..44.95 Color Filters...69.95
lens Caddy...34.95 YS 40A Flash..169.95
O Ring /YS40A...14.95
MM-II-EX
MM-II-EX...419.95
MM II EX w/YS-60 TTL Flash...769.95
YS 60 TTL Flash..379 16mm Lens...249.95
20mm Lens...259.95 Macro Lens M2/II-37..99
Macro Lens M2/II-27 119 O Ring Set...14.95
lens Caddy...49.95 Optical View finder .99
Color Filters / F Zoom 16mm Lens...84.95
High Eye Point Optical view Finder...219.95

STROBES

YS30...259 YS60 TTLN...449
YS120...529 YS300 TTL...779

UNDER WATER HOUSING

NX 50 Housing /F N50 Nikon...Call
NX 90 Housing /F N90 Nikon...Call
NX 5 Housing /F F5 Nikon...Call
CX 600 Housing /F Rebel G Canon...Call
VX 1000 /F Sony VX 1000 Kit...Call

NIKONOS ACCESSORIES

12mm Super...799 15mm Wide...699
16mm Wide...269 20mm Conv...449

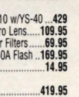
EWA-MARINE

Underwater and Protective Bags for 35mm Compact Cameras

U-IS Auto Focus for Olympus IS Series 169.95
U-AL...39.95 U-AM Pt. & Shoot..44.95
U-MM Compact...57.95
U-AMZ Compact Long Zoom...53.95
U-A, U-AX, U-AXPRO f/AF SLR's...Call
U-AZ AF SLR Long Lenses...193.95
U-F f/Man. Focus SLR's...109.95
U-FX, U-FXP f/MF SLR's...118.95
U-FZ 35 SLR Multi Flash w/Tele...119.95
U-FGM w/Tall Strobe...108.95
C35 SLR Rain Cape...14.95
C9 Hurricane Cape...63.00
C500 Professional Hurricane Hood...99.95
VIDEO HOUSINGS...CALL

SEA LIFE

REEF MASTER



Automatic Dive
Camera to 164 Feet
Complete w/Airtight
Hard Case 35mm f/3.5 Lens
May be used as Land Camera
3X Macro Close Up...39.95
169.95

SKIN DIVER

Depth Rated: Dives to 45 Feet
NEW
Water Proof to
120 Feet
Fully Automatic
35mm 5.6 Lens
May be used as Land Camera
79.95
SEA LIFE External Flash..179.95
Sport Diver II...94.95

PELICAN

PELICAN PROTECTOR CASES

Inside Dimensions	w/Foam	w/Dividers
1100 GUARD BOX	17.25	-
1200(9x7x4)	33.95	-
1300(9x7x6)	40.50	-
1400(12x9x5)	57.50	64.95
1450(15x10x6)	74.50	99.50
1500(17x11x6)	92.50	109.50
1520(18x12x6)	102.50	132.50
1520 w/Travel Bag	Call	-
1550(19x14x7)	109.50	149.50
1600(22x17x8)	132.50	169.50
1650(29x21x11)	179.90	199.50
1700(36x13.5x5)	165.50	-
1750(51x13x5)	184.50	-

Extra Foam & Dividers In stock...Call

TUNDRA

SEA KING PROTECTIVE CASES

Dimnesions	Foam	Dividers
518(18" x 14" x 5")	64.95	94.95
613(14" x 10.5" x 6.5")	49.95	
716(17.5" x 11.5" x 6.5")	67.95	Call
718(18.5" x 14.5" x 7.25")	74.95	124.95
821(21.5" x 14.5" x 9")	94.95	134.95
822(22.5" x 19" x 9")	134.95	194.95
827(26.9" x 18" x 8.4")	174.95	2440.95

Combination Lock .8.95 Neoprene strap...19.95

DOSKOCIL

ALUMINUM W/ FOAM

16 x 12 x 6.6...69.95

WATERTIGHT CASES W/ DIVIDERS

Large...99.95 Ex Large...119.95

WATERTIGHT CASES W/ FOAM

Large...59.95 Ex Large...69.95

VIVITAR U/W CAMERA KIT

Includes 110 Pocket Camera w/Flash,
Depth of 300'...39.95

U/W COMPASS SYSTEMS

PROCompass...29.95
Wrst pro...39.95

AQUATICA

UNDERWATER SYSTEMS
DISTRIBUTED BY NIKON

EPOQUE ET 100 PLUS
w/ Sports Finder...159.95

CANON

Sure Shot A-1...119.95
Sure Shot A-1 Panorama w/ Date...149.95

MINOLTA

New Gx-4 APS .79.95 Weather Matic Dual 144.95
Weathermatic A...69.95
SportsCase...17.95 SportsFinder...14.95
New Vectis Weathermatic...229.95

PLEASE VISIT US ON THE WEB FOR WEEKLY SPECIAL WWW.SMILEPHOTOVIDEO.COM

Nikon Advanced Systems Dealer

Nikon®

SEE THE DIFFERENCE A NIKON MAKES!

F5 IMPORTED FROM THE FUTURE

- The world's fastest autofocus at up to 8 frames per second
- 24 built-in custom settings
- 3D Color Matrix Meter with 1,005 sensors
- Focus tracking with Lock-on™

$250⁰⁰ MAIL-IN REBATE

N90s FAST, ACCURATE, PROFESSIONAL

Nikon.
We take the world's greatest pictures.®

- Fast and accurate Auto Focus system up to 4.1 fps
- Featuring Focus-Tracking with Lock on™
- Incomparable 3D Matrix Meter

N90s Body	**799⁹⁵**
Mail-in Rebate	**- 75⁰⁰**
Final Cost	**$724⁹⁵**

SPECIAL BUY!
MB10 Vertical Grip, NiCd Battery Pack and Charger only: **$249⁹⁵**

F100 NIKON'S NEWEST PROFESSIONAL SLR

- Rugged metal construction
- Small light-weight design
- New 10 segment Matrix meter
- High Speed Focus Tracking with Lock-on™: up to 4.5 fps
- 5 AF Area Focus system

N70 THE ART OF MASTERING LIGHT

- 5 exposure modes
- 3 metering systems
- Fast autofocus with quiet operation
- High performance built-in Fill-Flash for advanced flash pictures

N70 Body	**399⁹⁵**
Mail-in Rebate	**- 30⁰⁰**
Final Cost	**$369⁹⁵**

AUTOFOCUS LENSES

- Sharp, high contrast images
- Superior quality Nikon glass
- Include 1-year warranty plus 4-years extended service coverage from Nikon

16 2.8 D Fish-Eye	727.70
18 2.8 D	1265.10
20 2.8 D	439.95
180 2.8 D ED IF	699.95
200 4.0 Micro	1249.95
400 2.8 D ED IF	7499.95
500 4.0 D ED IF	6999.95
60 2.8 D Micro	354.95
105 2.8 D Micro	609.95
300 2.8 D ED IF	4699.95
300 4.0 ED IF	899.95
600 4.0 D ED IF	8799.95
24-120 3.5-5.6 D AF	489.95
NEW! 28-70 2.8 SW	CALL
28-85 3.5-4.5	451.50
28-200 3.5-5.6 D IF	489.95
35-70 2.8 D IF	624.95
35-135 3.5-4.5N	499.00
70-180 4.5-5.6 D ED Mic.	980.00
70-300 4-5.6 D ED	299.95
NEW! 80-200 2.8 SW	CALL
1.4x Tele AIS (for AF/AIS lenses 300mm or longer)	607.30
2x Tele AIS (for AF/AIS lenses 300mm or longer)	607.30
1.4x Tele AIS (for AF/AIS lenses 200mm or shorter)	291.60
2x Tele AIS (for AF/AIS lenses 200mm or shorter)	291.60
1.4x Teleconverter (for AF-1/AF-S lenses)	507.70
2x Teleconverter (for AF-1/AF-S lenses)	571.20

All Nikon Products Include Nikon USA Limited Warranty

Hunt's
Est. 1889
Photo & Video

100 MAIN STREET, MELROSE, MA 02176
ORDERS CALL (800) 924-8682 OR FAX (800) 336-3841
INFO & CUSTOMER SERVICE CALL (781) 662-6685
MON-THURS 8AM-7PM • FRI & SAT 8AM-4:30PM
VISIT HUNT'S ONLINE: http://www.wbhunt.com

VISA DISCOVER MasterCard

Kodak

Great Savings on Kodak Consumer and Professional Film!

Kodak PRO Products Network
USA FILM

NEW! Portra Film

A New Family of Color Negative Films That Share a New, Unique Unified Emulsion Technology

PORTRA FILM	135-36PP	120PP	220PP
Portra 160 NC •Smooth, natural flesh tones •Controlled lighting situations •Medium speed	27.50	17.45	34.90
Portra 160 VC •Rich vivid colors •Controlled lighting situations •Medium speed	27.50	17.45	34.90
Portra 400 NC •Smooth, natural flesh tones •On-camera flash •High speed	28.90	18.30	36.60
Portra 400 VC •Vivid colors •On-location •High speed	28.90	18.30	36.60

Elite Chrome 100 EB 135-36 2 PK
- Extremely fine grain •High sharpness
- Accurate flesh tones •Saturated colors

$4.39 PER ROLL

Kodachrome 64 KR 135-36 2 PK
- Natural color •Outstanding sharpness
- Fine grain in daylight or with flash

$4.19 PER ROLL

Kodak Slide Processing Mailers - Pk. 36
- Put your exposed film in the envelope, add postage, drop it in the mail. Your finished order is returned by mail.

$4.49 PER MAILER

Ektachrome E100VS 20 PK

- Vivid, saturated ("VS") colors
- Neutral gray scale •True 100 speed
- Very fine grain structure

$5.99 PER ROLL

Elite Chrome Extra Color 100

Designed to provide photo enthusiasts with the brightest, boldest and most saturated color ever produced in a 100-speed consumer slide film

EBX 135-24 $4.50 PER ROLL
EBX 135-36 $6.70 PER ROLL

Ektachrome E200 135-36 20 PK

- High speed color reversal film with low-speed results
- Outstanding performance under the most demanding conditions

$7.99 PER ROLL

Ektachrome E100S/SW 135-36 20 PK

- Vibrant color saturation
- Skin tone reproduction
- Fine grain/high sharpness/ crisp highlights

$5.99 PER ROLL

Use E100SW when enhanced warmth is desired

Tokina®

We carry Manual Focus Lenses, too!

AF ATX 17 3.5 Aspheric	369.90
AF ATX 300 4.0 SD APO	759.90
AF ATX 400 5.6 SD APO CF	439.90
AF ATX 100 2.8 Macro	379.90
AF ATX 300 2.8 II SD APO	2249.90
AF ATX 80-200 2.8 SD APO Pro*	799.90
AF ATX 100-300 4.0 II SD APO	799.90
AF ATX 28-70 2.6-2.8 HLD Pro II*	499.90
AF ATX 80-400 4.5-5.6 APO*	649.90
AF 2x7 Element Doubler*	139.90

AF Mounts: Canon, Minolta, Nikon and *Pentax

AGFA LIMITED SUPPLIES!
(PER ROLL PRICING)

CTX-100 135-36 $2.75 / 100+ Rolls Price $2.49

$39⁹⁵

GAGNE The Light Box
- 10x12" approx. viewing area
- Stainless steel frame
- 1/8" Plexiglas top •Tilt legs

$31⁹⁵

***The Art of* BIRD PHOTOGRAPHY**
by Arthur Morris
The Complete Guide to Professional Field Techniques

Archival Slide Storage Pages
- 100 pages •Archival Quality
- Each page holds 20 mounted 35mm slides

$14⁹⁹

ORDERING, PAYING & SHIPPING

PAYMENT: Mastercard, VISA, Discover; customer must provide billing address information. Personal check (must have name and address imprinted on check) Allow 10-15 days for bank clearance. Cash or certified check (required for all orders over $300). MA residents add 5% tax. RI residents add 7% tax. SHIPPING: Most orders shipped the same day. All packages shipped UPS. Shipping charges are not included in our prices. WARRANTY: All merchandise USA warrantied. PRICES: These prices are for mail order only and will not be honored in our store. RETURNS: Merchandise must be returned within 10 days and will be subject to a restocking fee. Returns must be in original condition with factory packaging, blank warranty cards and any manuals or accessories and are subject to inspection. Not responsible for typographical errors. We thank you for your business and cooperation.

EF LENSES

- Over 40 EF lenses from fish-eye to tele
- Wide selection of zoom lenses
- All feature Canon technology including ultrasonic (USM) motors
- All offer high performance photography

14 2.8 L USM	2179.00	24 1.4 L USM	1329.00
NEW! 35 1.4 L USM			1399.00
50 1.0 L USM	2600.00	50 1.4 USM	358.00
50 2.5 Macro	348.00	85 1.2 L USM	1940.00
100 2.8 Macro	610.00	180 3.5 L Mac USM	1479.00
200 2.8 L II USM	736.00	300 2.8 L USM	4359.00
300 4.0 L IS USM	1489.00	400 2.8 L II USM	7229.00
400 5.6 L USM	1389.00	500 4.5 L USM	5549.00
600 4.0 L USM			8809.00
24-85 3.5-4.5 USM	369.00	28-105 3.5-4.5 USM	299.00
NEW! 28-135 3.5-5.6 IS USM			519.00
35-350 3.5-5.6L USM			1839.00
100-300 4.5-5.6 USM			310.00
NEW! 100-400 4.5-5.6 L IS USM			1699.00
1.4x Teleconverter	409.00	2x Teleconverter	329.00

LENS REBATES!

17-35 2.8 L USM	1439.00
-$100.00 REBATE	Final Cost **1339.00**
28-70 2.8 L USM	1259.00
-$100.00 REBATE	Final Cost **1159.00**
70-200 2.8L USM	1359.00
-$100.00 REBATE	Final Cost **1259.00**
28-80 3.5-5.6 IV USM	149.00
-$20.00 REBATE	Final Cost **129.00**
28-80 3.5-5.6 V USM	149.00
-$20.00 REBATE	Final Cost **129.00**

CANON BRAND ACCESSORIES AVAILABLE!

Include Canon USA 1-Year Limited Warranty Registration Card

Canon

REBATES!

SAVE BIG!

CASH IN With Canon

EOS-1N

THE PROFESSIONAL CHOICE!

- 5-point AF with choice of automatic or realtime focusing point selection via Quick Control Dial
- Improved shooting speed and focus prediction capability
- Silent rewind: up to 8x quieter than the EOS-1
- Choice of metering patterns from 16 zone evaluation to 2.3% fine spot

$150.00
CANON REBATE

EOS A2

- Five-point autofocus
- Whisper Drive™ film transport with 5 fps and near-silent rewind
- Eight automatic exposure modes & metered manual
- Electronic control dials for fast and easy access to camera functions including three metering systems

$749.95
With 28-105 Lens

$849.95
With 28-105 Lens

EOS A2E

EOS-3

NEW!

- The world's first 45-point Area AF, 21-zone evaluative metering & high-speed eye controlled focus
- Ultra-high-speed predictive AF
- Sophisticated E-TTL flash exposure system with optional EX-series speedlites
- 18 custom functions

$1399.95

ELAN II

SOPHISTICATION IN STYLE & TECHNOLOGY

- Distinctive aluminum styling
- Improved control layout
- Canon's exclusive AIM control system
- 6-zone evaluative 9.5% partial and center-weighted average metering

$30.00
CANON REBATE

ELAN IIE

$30.00
CANON REBATE

Elan II w/28-80 3.5-5.6 V USM Kit	**$50.00 Canon Rebate**
Elan IIE w/28-80 3.5-5.6 V USM Kit	**$50.00 Canon Rebate**

VISA
DISCOVER
MasterCard

100 MAIN STREET, MELROSE, MA 02176
ORDERS CALL (800) 924-8682 OR FAX (800) 336-3841
INFO & CUSTOMER SERVICE CALL (781) 662-6685
MON-THURS 8AM-7PM • FRI & SAT 8AM-4:30PM
VISIT HUNT'S ONLINE: http://www.wbhunt.com

Hunt's
Est. 1889
Photo & Video

Lowepro

Topload Zoom AW	49.95
Off Road	72.95
Orion	46.95
Orion Trekker	60.95
Orion AW	122.95
Trim Trekker	120.95
Mini Trekker	99.95
Nature Trekker AW	189.95
Pro Trekker	319.95
Super Trekker	309.95
Super Trekker AW	389.95
Photo Trekker AW	229.95
Photo Trekker Classic	152.95

STREET & FIELD SYSTEM IN STOCK!
A totally modular system for virtually any shooting situation. You configure the system to suit your shooting requirements

Polaroid Digital Imaging

SPRINTSCAN® 4000 DIGITAL FILM SCANNER

At 4,000 Dots Per Inch The World Looks A Whole Lot Sharper
•4000 dpi resolution - the highest resolution of any 35mm digital film scanner on the market today •Fast and productive - scan time is less than 1 minute for 35mm @ 4000 dpi •Superb "First Pass" performance automatically evaluates and color corrects your scanned image before it appears on the screen •Outstanding new software, PolaColor Insight Pro, features a robust, but simple approach to image manipulation and color management •Automatically removes dust, scratches and other surface imperfections •Mac and PC compatible •CCD calibration •SCSI-2 interface •Ideal match to new photo realistic printers

bogen

In the studio or in the field, you'll find the versatility and stability you need in tripods that are easy to manage, easy to move and easy on you.

Tripods (Available in Black - Add 10%)

3003	3001 Legs w/3029	105.95
3005	3001 Legs w/3030	112.95
3010	3011 Legs w/3025	100.95
3020	3021 Legs w/3025	124.95
3023	3021 Legs w/3047	163.95
3024	3021 Legs w/3029	140.95
3031	3033 Legs w/3047	221.95
3033	Legs Only	158.95
3035	3036 Legs w/3047	239.95
3036	Legs Only	176.95
3040	3046 Legs w/3047	216.95
3050	3051 Legs w/3047	269.95
3051	Legs Only	206.95
3016	3 Section Monopod	27.95
3018	3 Section H. D. Monopod	34.95
3230	Monopod w/ Legs	62.95
3245	Auto 3 Section Monopod (Black Anodized)	62.95

Tripod Heads

3025	3-D Head	19.95
3026	Double Action Ball Head	29.95
3028	Super 3-D Head	29.95
3029	Pan Tilt Head	39.95
3030	Pan Head w/ Quick Release	46.95
3038	Super Ball Head	145.95
3039	Super Pro Head	135.95
3047	Dlx 3-Way Pan w/Quick Release	62.95
3057	H. D.Camera Head	127.95
3263	Deluxe Geared head	444.95
3265	**Grip Action Ball Head**	**66.95**
3275	Mini Gear Head	136.95

GITZO Mountaineer Carbon Fiber Tripods

G1548	Tele Studex with Flat Plate	893.95
G1228	Reporter with 1-Section Rapid Column	553.95
G1348	Inter Pro Studex with Flat Plate	799.95
G1568	Monopod (4-section) with 1/4-20 Mounting Screw	194.95
G1380/7 Kit	G1338 Video Tripod w/G1380/7 Head, Bag GE3P and Strap G087B	1626.95
G1380/10 Kit	G1338 Video Tripod w/G1380/10 Head, Bag GE3P and Strap G087B	1653.95

FUJIFILM Professional

Fujichrome Specials!

ASTIA 135-36 20 PACK

Naturally Sophisticated Color for Imaging Professionals

$3.75 PER ROLL
SHORT DATED 4/99

VELVIA & PROVIA 135-36 20 PK

VELVIA
- Ultrafine grain
- Superb sharpness
- Vivid color reproduction

PROVIA
- Optimum color saturation
- Superior granularity
- Faithful color reproduction

$99.80
THAT'S ONLY $4.99/ROLL

SENSIA II 100 135-36 4 PK

$3.15 EA.

- Unsurpassed sharpness
- Super uniform fine grain
- Accurate gradation control

CALL FOR 100+ PRICE!

RMS 100/1000 135-36 20PK

- Outstanding sharpness & accurate color balance
- Superb fine grain
- On demand push processing

$7.50 PER ROLL

FUJICHROME MAILERS

$3.29 EA.

Put your exposed film in the envelope, add postage and drop it in the mailbox. Your finished order is returned by mail.

IMAGEOLOGISTS®

A DIVISION OF INTERNATIONAL SUPPLIES

NEW! FUJI RDP III

Let us "Imageducate"™ you!

TOLL FREE 888-IMAGE-65 (462-4365)

945 WEST HYDE PARK BLVD., INGLEWOOD, CA 90302 LOCAL-310-672-9090 FAX-310-672-3030

WWW.IMAGE65.COM

DIGITAL FILM

FUJIFILM Professional

Nikon ELECTRONIC IMAGING

$150.00 REBATE

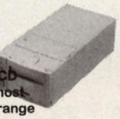
SUPERCOOLSCAN LS-2000

Rebate valid until 6-30-99

- 2,700 Optical dpi
- One pass scanning
- 3.6 density range
- SCSI interface
- 8/16-bit per channel out-put data
- Digital ICE (ImageFix)
  Automatic removal of surface defects
- Scan time approx. 20 sec. (neg/pos)

MINOLTA

Dimage Scan Multi



- Single pass, RGB line CCD
- 12 bit or 8 bit output to host
- 3.0OD or more Density range
- Scans 35mm, Med. format to 6x9cm, Electronic Microscope Film (5.9x8.2cm). APS option.
- SCSI Interface
- 2820 dpi for 35mm & APS.
  1128 dpi med. format & microcope film.

SONY NEW!

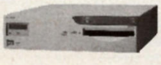
UP-D70A

The A4 /Letter Size Digital Color Printer

- Digital Color Printing with 300 dpi
- Full-bleed A4 size (216 x 297 mm/8⁵⁄₈ x 11³⁄₄ inches) and image printing
- A4 size or Letter size print in approx. 85 seconds (approx. 55 seconds in the 150 dpi mode)

SONY

UP-D5500



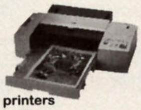
The A5 Size Digital Color Printer

- 300 dpi and over 16 million colors per pxls.
- A5 size print in approx. 40 seconds

EPSON

Stylus 3000

1440 x 720 DPI



Fantastic "HOT" COLOR printers from Epson, perfect for printing color Photographic Images.

Also Available

- Epson Stylus PHOTO 700
- Epson Stylus PHOTO EX
- Epson Stylus 800

Nikon ELECTRONIC IMAGING

Super CoolScan LS-1000

New & Refurbished!

- Max. Resolution is 2592 x 3888
- One pass scanning
- 12 bits per color channel RGB
- SCSI interface

Canon

PowerShot Pro 70

- JPEG Image Compression
- Power Zoom lens 28mm~ 70mm
- Removable CompactFlash card
- 2 CompactFlash card slots
- 1.68 million Pixels (1536x1024 Resolution)
- Standard hot-shoe for external flash unit
- Optical viewfinder
- 2" LCD for viewing and reviewing
- Video out NTSC
- User-interchangeable Ni-MH rechargeable battery

Nikon ELECTRONIC IMAGING

COOLPIX 950

- New 2.11 megapixel
- New 48 MB memory buffer
- 3 x optical Zoom-Nikkor lens
- 256-element Matrix Metering
- Aperture ans Shutter Priority
- Optional Nikon 2x Telephoto lens
- 8MB CompactFlash memory card

Canon

EOS D2000

- Compact, integrated durable body
- Full-frame, SLR viewing with extended eyepiece & variable diopter control
- Built-in 1.8 inch LCD color monitor
- Control layout similar to EOS-1N
- Fully compatible withall Canon EF Lenses
- E-TTL for flash exposure accuracy
- Detachable IR Cut/Optional Low Pass filter
- Replaceable Ni-Cd rechargable battery

AGFA

The complete picture.™

DuoScan

- TwinPlate Scanning Technology (Built-in scan-bed for transparencies)
- One pass scan mode
- 1000 x 2000 ppi Optical resolution (4000 ppi interpolated)
- 36 bits colorand 3.3 D Density Range
- 8" x 14" Reflective scanning area and 8" x 10" for transparencies
- SCSI interface

FUJIFILM

DS 560/565

- Nikon lens F-mount
- Exposure control
- Auto/Manual Focus modes
- Optical Finder Frame coverage 100%
- 3 frames/sec up to 7 frames (DS-565)
- 1.3 million pixels (1,280 x 1,000)
- ISO 800/3200
- ATA Card Type 1 or 2
- JPEG Compression

		I	D
AGFAPAN PROFESSIONAL B&W SLIDE			
SCALA 36X5	200		36.14
SCALA 120X5	200		22.33
FUJICHROME SENSIA			
RD 36	100	3.39	-
RA 36	100	3.59	6.25
RM 36	200	5.49	7.45
RH 36	400	5.99	8.75
FUJICHROME PROFESSIONAL			
RMS 36		-	8.81
RMS 100'		-	96.53
RMS 36X20		-	159.06
RMS 120		-	4.80
RMS 120X5		-	24.00
RMS 220X5		-	48.00
RVP 120	50	3.29	4.20
RVP220	**50**	***34.00***	41.20
RVP 36	50	5.49	5.75
RVP 36X20	50	-	110.00
RTP 120	64T	3.59	3.66
RTP 36	64T	5.79	6.85
RAP 120	100	2.99	4.08
RAP 220X5	100	34.99	40.00
RAP 36	**100**	***4.49***	6.49
RAP 36X20	**100**	-	***110.00***
RDP II 120	100	2.99	4.08
RDP II 220X5	100	35.00	40.00
RDP II 36	100	5.25	5.75
RDP II 36X20	100	-	110.00
RHP II 120	400	5.00	5.70
RHP II 36	400	7.49	9.39
RSP 36	1600	9.50	10.02

WE CARRY A FULL LINE OF FUJI LARGE FORMAT FILM

		E	U	D
KODAK				
KM 36	200	-	-	5.99
KR 36	200	-	-	5.99
KL 36	200	-	-	7.49
EB 36	200	2.99	3.99	5.99
ET 36	200	5.99	-	7.64
ED 36	200	4.99	5.99	7.64
EL 36	200	6.49	-	-
KODAK EKTACHROME PROFESSIONAL				
EPR 36	64	-	5.99	8.59*
EPY 36	64T	-	6.99	7.63*
E 100S 120	***100***	***2.99***	3.49	4.08*
E 100S 36	***100***	***4.99***	5.25	5.50*
E 100SW 120	***100***	***2.99***	3.49	4.08*
E 100SW 36	***100***	***4.99***	5.25	5.50*
E 100S 4X5-10	100	-	-	15.99*
E 100S 4X5-50	100	-	-	83.72*
E 200 120	200	-	4.79	5.69*
E 200 36	200	5.99	6.99	8.14
E 200 36X20	200	-	-	157.00*
EPP 120	100	2.99	3.49	4.36*
EPP 36	100	4.99	5.49	8.03*
EPP 404	100	-	75.00	88.00*
EPN 36	100	-	5.99	8.03*
EPT 120X5	160T	-	-	23.45*
EPT 36	160T	-	7.50	8.80*
EPD 120	200	-	2.99	4.79*
EPJ 36	320T	-	8.35	9.61*
EPL 36	400	-	-	9.61*
EPH 36	400	-	8.99	- *

		I	D
KONICA			
KC 100-36	100	2.49	-

NEW FROM KODAK

E100VS

Revival of a Classic Brand

IN STOCK NOW!

ORIENTAL

MATTE AVAILABLE

SEAGULL

FIBER BASE & RESIN COATED

BLACK & WHITE PHOTOGRAPHIC PAPERS

MONTHLY SPECIALS

RA	36 X 4	25	12.99
RAP	36 *4/99*	100	2.49
NEW EB ***SELECT***	36	100	2.79
E100S	120	100	2.79
E100S	36	100	4.79
E100SW	36	100	4.79
E200	36	100	5.59
RVP	220 X 5	20	34.00
RVP	36	100	5.25
RDPII	36	100	4.99

Val-Hues™ INKJET PAPER

CUSTOM SIZES AVAILABLE!

54"

4"

ALL PAPERS ARE AVAILABLE IN SIZES FROM 4" TO 54", CUT & ROLL.

MAILERS

FUJI			
FJ 36	-	-	2.99
KODAK			
PK 36	-	-	4.39

PRINT FILE ARCHIVAL PRESERVERS

SLIDE PRESERVERS - 100SH - 18.99
CATALOG #: 97-PF2X220B100

LEGEND AGFA/FUJI/KONICA **I** IMPORT (GRAY) **D** DOMESTIC (USA P.O.P)

KODAK **E** ENGLISH OR AUSTRALIAN **U** USA MADE (GRAY) **D** DOMESTIC - KODAK USA W/ P.O.P

OP699

ADD 20 CENTS PER ROLL FOR LESS THAN 20 ROLLS.
$20.00 S&H FEE FOR ORDERS UNDER $100.00.
PRICES SHOWN SUPERCEDE ALL PREVIOUSLY ADVERTISED PRICES. WE RESERVE THE RIGHT TO LIMIT QUANTITIES.
OFFERS GOOD WHILE SUPPLIES LAST.
NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS.

GRAY DOMESTIC WE DON'T MIX

VISA MasterCard AMERICAN EXPRESS C.O.D.

IMAGEOLOGISTS®

Visit Our Web Site at www.coasttocoastcamera.com

COAST TO COAST

CAMERAS • AUDIO • VIDEO

14 DAY SATISFACTION GUARANTEE!

POPULAR PHOTOGRAPHY CHECKRATED STORE

WE ACCEPT ALL SCHOOL, GOV'T & CORPORATE BIDS & POs!! WE SHIP WORLDWIDE!!

24 HOUR FAX
718-265-1754

USA TOLL FREE
800-788-5555

CUSTOMER SERVICE
800-788-5555
Mon-Thurs ..10am-4:30pm
Friday 10am-2pm

192 Avenue U
Brooklyn, NY 11223

SUNDAY 10am-6pm
Mon-Thur......8:30am-9pm
Friday 8:30am-5:30pm
Saturday................Closed

1-800-788-5555

Canon

CAMERA BODIES

Elan IIE
- Eye Control Focus
- 11 Custom Function Quick Dial System
- Whisper Motor Drive

$337*

With Canon 28-80mm USM Lens, Case, & Wide Strap...... **$437***

All Bodies Include Full USA Warranty

EOS Rebel 2000 *NEW!!!*	237
EOS Rebel 2000 QD *NEW!!!*	277
EOS Rebel G	197
EOS Rebel QD	237
EOS Elan II	287*
EOS Elan IIE QD	377*
EOS A2	522
EOS A2E	607
EOS iX	267*
EOS iX Lite	237
EOS 3 *NEW!!!*	1399
EOS 1N	$150 REBATE
EOS 1NRS	$150 REBATE

FLASHES

380 Ex	117	200 Ex	37
550 Ex	499	220 Ex	77
540 Ez	227	480 EG	437
430 Ez	157	ML-3 Ringlite	197

CAMERA KITS

ALL INCLUDE USA WARRANTY

Rebel 2000 w/ 28-80 Kit	337
Rebel 2000 QD w/ 28-80 Kit	377
Rebel G w/ 35-80 Kit (no case)	267
Rebel G w/ 28-80 USM Kit (no case)	317
Rebel G QD w/35-80 Kit(no case)	307
EOS Elan II w/ 28-80 USM Kit	437
EOS Elan II w/ 28-105 USM Kit	597
EOS Elan IIE w/ 28-105 USM Kit	647
EOS A2 w/ 28-105 USM Kit	757
EOS A2E w/ 28-105 USM Kit	857
EOS iX w/ 24-85 USM Kit	547
EOS iX Lite w/ 22-55 USM Kit	317

All Kits Include Case and Wide Strap

Tamron 28-200 Kit

European Lens of the Year '97 & '98
- Tamron 28-200 Super Macro Asph.
- Camera Case
- Wide Strap & Cleaning Kit
- Full Canon 1-Year U.S.A. Warranty

Rebel G	*422	A2	*672
Rebel G QD	*452	A2E	*772
Elan II	*522	iX	*497
Elan IIE	*572	iX Lite	*457
Elan IIE QD	*622	EOS 3	*1362

Same Kit With Tamron 28-300 Aspherical ....Add $185.00

LENSES

24 / 2.8	257	20 / 2.8 USM	367
28 / 2.8	157	28 / 1.8 USM	347
50 / 1.8	55	50 / 1.4 USM	263

100 / 2.8 Macro	357
75-300 / 4-5.6 II	137
20-35 / 3.5-4.5 USM	317
24-85 / 3.5-4.5 USM	247
28-80 / 3.5-5.6 USM	97
28-105 / 3.5-4.5 USM	197
28-135 / 3.5-5.6 IS USM	417
75-300 / 4.0-5.6 II USM	157
75-300 / 4.0-5.6 IS USM	397
100-300 / 4.5-5.6 USM	207
L-Series 24 / 1.4 USM	1197
L-Series 35 / 1.4 USM	1247
L-Series 17-35 / 2.8 USM	977
L-Series 28-70 / 2.8 USM	927
L-Series 70-200 / 2.8 USM	987
L-Series 100-400 / 4.5-5.6 ISUSM	CALL
L-Series 300 / 4 IS USM	1087
L-Series 400 / 5.6 USM	947
Extender 1.4x APO	317
Extender 2.0x APO	267
AF 2X Converter	47
AF 2X Pro Converter	157

Nikon

CAMERA BODIES

N60
- Exposure Mode Select Dial
- 6 Segment 3D Matrix Metering

$247

With Nikon 28-80mm Lens, Case, & Wide Strap.............. **$367**

All Bodies Include Full USA Warranty

N50	227	N70 QD	397
N60 QD	287	N90s	677
N70	349	F5	1799

F-100 *NEW!!!*	1127
FM-2 Chrome	327
FM-2 Black	357
Pronea S w/ iX 30-60mm Kit	347

FLASHES

SB-28	247	SB-21B	337
SB-27	127	SB-22S	97

CAMERA KITS

ALL INCLUDE USA WARRANTY

N60 Kit w/ Nikon 35-80mm	337
N70 Kit w/ Nikon 28-80mm	467
N70 Kit w/ Nikon 28-105mm	647
N70 Kit w/ Nikon 28-200mm	657
N90s Kit w/ Nikon 28-80mm	727
N90s Kit w/ Nikon 28-200mm	1057
N90s Kit w/ Nikon 35-70 F/2.8	1177
F100 Kit w/ Nikon 28-105mm	1447
F100 Kit w/ Nikon 24-120mm	1527
F5 Kit w/ Nikon 35-70 F/2.8	2297
F5 Kit w/ Nikon 28-200mm	1527
Pronea S Kit w/ iX 28-105mm	1447

All Kits Include Case and Wide Strap

Tamron 28-200 Kit

European Lens of the Year '97 & '98
- Tamron 28-200 Super Macro Asph.
- Camera Case
- Wide Strap & Cleaning Kit
- Full Nikon 1-Year U.S.A. Warranty

N50	*407	N70 QD	*927
N60	*497	N90s	*917
N60 QD	*527	F100	*1377
N70	*587	F5	*2017

Same Kit With Tamron 28-300 Aspherical ....Add $185.00

LENSES

16 / 2.8 D	567
20 / 2.8 D	367
24 / 2.8 D	237
28 / 2.8 D	147
28 / 1.4 D	1287
50 / 1.4 D	187
60 / 2.8 D Macro 1:1	263
85 / 1.8 D	287
85 / 1.4 D	747
105 / 2.8 D	457
180 / 2.8 D	567
300 / 4 D (ED) IF	737
20-35 / 2.8 D	1327
24-120 / 3.5-5.6 D IF	367
28-70 / 3.5-4.5 D	237
28-80 / 3.5-5.6 D	117
28-105 / 3.5-4.5 D	297
28-200 / 3.5-5.6 D IF	367
35-70 / 2.8 D	467
35-105 / 3.5-4.5 D	237
70-210 / 4-5.6 D	187
70-300 / 4-5.6 D (ED)	247
80-200 / 4.5-5.6 D	107
80-200 w/ Tripod Collar	697
AFS 28-70 / 2.8 D	CALL
AFS 80-200 / 2.8 D	CALL
AFS 300 / 2.8 D	CALL
AFS 400 / 2.8 D	CALL
AFS 500 / 4.0 D	CALL
AFS 600 / 4.0 D	CALL
AF 2X Converter	57
AF 2X Pro Converter	167

MINOLTA

CAMERA BODIES

XTsi
- 3-point Crosscut Auto focusing
- 14 Segment Honeycomb Pattern Metering

$297

With Maxxum 28-80mm Lens, Case, & Wide Strap..... **$387**

All Bodies Include Full USA Warranty

400si	187	800si QD	567
500si	207	HTSi	237
550si	229	HTSi Plus	CALL
600si	297	X-370 USA	157
800si	527	X-700 USA	207

Maxxum 9 *NEW!!!*	1499

FLASHES

5400 HS PRO	227
3500 Xi	97
1200 AF RingLight	217

CAMERA KITS

ALL INCLUDE USA WARRANTY

400si Kit w/ Maxxum 35-70AF	227
500si Kit w/ Maxxum 35-70AF	267
500si Kit w/ Maxxum 28-80AF	287
HTsi Kit w/ Maxxum 28-80	337
XTsi Kit w/ Maxxum 24-85	547
XTsi Kit w/ Maxxum 28-105MZ	527
XTsi Kit w/ Maxxum 28-80, 75-300	497
Maxxum 9 Kit w/ Maxx 28-105MZ	1599
Maxxum 9 Kit w/ Maxx 28-70i	1999
800si Kit w/ Maxxum 28-105MZ	727
800si w/Maxxum 28-85mm	787

All Kits Include Case and Wide Strap

Tamron 28-200 Kit

European Lens of the Year 97-98
- Tamron 28-200 Super Macro Asph.
- Camera Case, Wide Strap, Cleaning Kit • Full Minolta U.S.A. Warranty

400si	*407	600si	*537
500si	*437	XTSi	*527
HTSi	*477	Maxxum 9	*1647
HTSi Plus	CALL	800si	*757

Same Kit With Tamron 28-300 Aspherical ....Add $185.00

LENSES

16mm F2.8	577	28mm F2	457
20mm F2.8	387	35mm F1.4	CALL
24mm F2.8	167	35mm F2.0	227
28mm F2.8	137	50mm F1.7	40

50mm F1.4	157
50mm F2.8 Macro	197
50mm F3.5 Macro	157
85mm F1.4	517
100mm F2.8 Macro	357
100mm F2.8 SoftFocus	CALL
Smooth Trans Focus 135mm F2.8	NEW
200mm F2.8 APO	777
200mm F4.0 Macro APO G	CALL
300mm F4.0 APO	877
400mm F4.5 APO	1777
500mm F8 Reflex	387
600mm F4.0 APO	7197
17-35mm F3.5 GAF	1467
20-35mm F3.5-4.5	377
24-85mm F3.5-4.5 MZ	247
28-70mm F2.8	687
28-80mm F4.0-5.6 AF *NEW!!*	CALL
28-80mm F4.0-5.6 MZ	77
28-85mm F3.5-4.5 i	197
28-105mm F3.5-4.5 Xi	147
28-105mm F3.5-4.5 MZ	197
70-210mm F4.5-5.6 MZ	87
75-300mm F4.5-5.6 AF *NEW!!*	CALL
75-300mm F4.5-5.6	127
80-200mm F2.8 APO	827
100-300mm F4.5-5.6Si APO	317
100-400mm F4.5-6.7 APO	537
AF 2.0X Telephoto Converter	47
AF 2.0X Pro Telephoto Converter	157
AF 2.0X APO Pro Converter	327
AF 1.4X APO Pro Converter	257

PENTAX

CAMERA BODIES

ZX-5N
- 3-Point AF System
- 5 Exposure Modes
- 6 Segment Metering

$317

With Maxxum 28-80mm Lens, Case, & Wide Strap..... **$417**

All Bodies Include Full USA Warranty!

ZX-5	287	PZ-1P	467
ZX-10	197	ZX-M	137
ZX-50	167	K-1000	167

FLASHES

500 FTZ	217	330 FTZ	107

CAMERA KITS

ALL INCLUDE USA WARRANTY

ZX-50 Kit w/ Pentax F 35-80AF	247
ZX-50 Kit w/ Pentax 28-80AF	287
ZX-10 Kit w/ Pentax FA 28-80AF	307
ZX-5 Kit w/ Pentax FA 28-80AF	367
ZX-5N Kit w/ Pentax FA 28-105AF	527
ZX-M Kit w/ 50mm F2.0	167
PZ-1P w/ Pentax FA 28-200mm	677
PZ-1P w/ Pentax FA 28-105mm	647
ZX-5N Kit w/ FA 28-80 & F80-200	647

All Kits Include Case and Wide Strap

Tamron 28-200 Kit

- Tamron 28-200 Super Macro Asph.
- Camera Case, Wide Strap, Cleaning Kit • Full Pentax U.S.A. Warranty

ZX-M	*337	ZX-5N	*537
ZX-50	*387	ZX-5	*487
ZX-10	*427	PZ-1P	*697

Same Kit With Tamron 28-300 Aspherical ....Add $185.00

LENSES

FA 20mm F2.8	497
FA 28mm F2.8	187
FA 50mm F1.4	187
FA 50mm F1.7	137
FA 43mm F1.9 LE	CALL
FA 50mm F2.8 Macro	267
FA 100mm F2.8 Macro	397
F 85mm F2.8 Softfocus	387
F 17-28mm F3.5-4.5	337
FA 28-70mm F4	127
FA 28-105mm F3.5-4.5	177
FA 28-200mm F3..8-5.6	197
FA 100-300mm F4.5-5.6	167
35-80mm F4-5.6	79
80-200mm F4.7-5.6	99
SMCP 100-300mm F4.5-5.6	247
2X Converter	57
2X Pro Converter	167

OLYMPUS

IS-3 SUPER DLX KIT Includes: Quartz Date, Case, Strap, Lithium BT. Full USA Warranty

IS-30 DLX KIT Includes: Quartz Date, Custom Fitted Case, Strap, Lithium Batteries, & Full USA Warranty

IS-3 DLX	347
IS-30	307
IS-20	277
Stylus Zoom 140	217
Stylus Zoom LT 105	219

DIGITAL CAMERAS

ALL THE BRANDS, ALL AT GREAT PRICES. JUST CALL OR VISIT US AT WWW.COASTTOCOASTCAMERA.COM

TIFFEN® FILTERS

20% OFF filters w/Purchase of 3 or more Tiffen Filters!

without filter

with CPL filter

FILTER TYPE	37-55	58	62-67	72-77	82
80A, 80B, 81A, 81B, 812	9.95	11.95	15.75	27.95	41.95
8, 11, 15, 25, ND3, ND6, ND9	9.75	11.95	15.75	27.95	41.95
Color Grads(Blue,Sunrise,ND6)	31.25	36.50	44.50	58.25	-
Center Spot	22.50	26.25	29.25	38.95	-
Enhancing	48.75	74.75	78.50	90.50	99.25
Flourescent (FLD, FLB)	14.50	18.50	22.95	36.95	66.75
Fog 1, 3, 5	27.75	34.75	44.50	58.25	76.75
Soft / Fx 1, 2, 3, 4, 5	29.50	37.50	46.25	62.75	90.50
Star 4 Point 2mm	20.75	24.25	37.50	63.50	-
Color Compensating	43.50	50.50	77.50	112.50	-
Sepia 1, 2 , 3	27.95	34.95	44.95	58.95	64.75
Softnet	28.00	35.00	44.50	58.50	64.75
Skylight	10.50	12.95	16.50	29.50	39.50

Lowepro

Nova 3	36
Nova 4	44
Nova 5	49
Orion	39
Orion AW	119
Off Road	69
Photo Runner	39
Photo Trekker	149
Orion Trekker	59
Mini Trekker	94
Photo Trekker AW	219
Mini Mag AW	79
Compact AW	119
Commercial AW	189
Magnum AW	159
Extreme Series	CALL

tamrac

604	81.99
606	93.99
613	199.99
623	193.99
644	209.99
705	66.99
707	81.99
748	74.99
752	119.99
777 Backpack	224.99
787 Backpack	249.99

WE CARRY THE ENTIRE TAMRAC LINEUP!! CALL FOR LATEST & GREATEST PRICES!!!

Kodak

GOLDMAX GT 800 36 Exposure **$3.75**

EKTACHROME E-100s 36 Exposure **$5.29**

FUJIFILM

SUPER G 800 36 Exposure **$3.35**

VELVIA 36 Exposure **$5.29**

SENSIA 36 Exposure **$3.09**

PROVIA 36 Exposure **$4.79**

SIGMA

170-500mm F5.0-6.3 APO $497

17-35mm F2.8-4.0 Aspherical $417

14mm F2.8 EX HSM NEWI	677
18-35mm F3.5-4.5 Aspherical	327
28mm F1.8 Aspherical II	CALL
50mm F2.8 Macro New	227
300mm F4.0 APO MACRO HSM NEWI	717
400mm F5.6 APO MACRO HSM NEW!	687
500mm F4.5 APO	CALL
600mm F8	297
24-70mm F3.5-5.6 Aspherical	117
28-70mm F2.8	223
28-105mm F2.8-4.0 Aspherical	137
28-200mm F3.8-5.6 IF HSM NEWI	CALL
70-200mm F2.8 APO HSM NEW!	697
70-200mm F2.8 APO NEWI	627
70-300mm F4.0-5.6 APO Macro	217
135-400mm F4.5-5.6 APO Aspherical	397
1.4x APO New	127
2.0x APO HSM NEW!	147

TAMRON

200-400mm F5.6 LD $397 After $100 Rebate

***NEW* 28-300mm ASPHERICAL** $499

70-300mm F4-5.6 $239

14mm F2.8 AF (After $200 Rebate)	1099*
20-40mm F2.7-3.5 Aspherical (After $50 Rebate)	619*
24-70mm F3.3-5.6 Aspherical	179
28-105mm F4-5.6 (IF) (After $10 Rebate)	169*
28-105mm F2.8 LD Aspherical (After $100 Rebate)	699*
28-200mm F3.8-5.6 LD Super Macro (After $50 Rebate)	249*
90mm F2.8 1:1 Macro (After $50 Rebate)	379*
100-300mm F5-6.3 (After $10 Rebate)	159*
300mm F2.8 ($100 Rebate)	CALL

Tokina

GREAT REBATES ON SELECT LENSES

80-200mm F2.8 ATX SD APO $557

20-35mm F2.8 **ATX PRO**	517
28-70mm F2.6-2.8 **ATX PRO**	377
80-200mm F2.8 **ATX**	557
80-400mm F4.5-5.6 **SD-APO**	417
100mm F2.8 **ATX**	297
300mm F2.8	1647
400mm F5.6	CALL
35-300mm F4.5-5.6 **NEW**	187

PHOENIX

28-300mm F4.0-6.3 Ultra Versatile $279

Add a 2X Converter for up to 600mm of range!!

19-35mm F3.5-4.5	279
28-105mm F2.8-3.8	249
28-300mm F4.0-6.3	279
100-400mm F4.5-6.7	499

We Carry So Much More Than You See At Great Prices Just Call US.

All merchandise is brand new, factory fresh, & carries a Full USA Manufacturer's Warranty. Due to market demands and availability, certain lenses, flashes & Cameras may carry a store warranty. We welcome CODs, money orders, and certified checks. Please allow 3 to 4 weeks for delivery on personal checks. Our 14-Day Satisfaction Guarantee allows for exchanges on products or returns for credit. All returns for credit are subject to a 10% restocking fee, 20% on special order items. All returns must be returned in original mint condition. Shipping & Handling charges are non-refundable. Not responsible for typographical errors. Above prices supercede all others and remain in effect until next month's issue. Note that these are mail order prices only. In-store price and availability may vary. All prices listed after any manufacturer's rebates. We thank you for shopping with Coast to Coast, Where Service is the Most!

Store Hours:

Monday	9:30am - 8:30pm
Tuesday	9:30am - 8:30pm
Wed	9:30am - 8:30pm
Thursday	9:30am - 8:30pm
Friday	9:30am - 4:30pm
Saturday	CLOSED
Sunday	10:00am - 6:00pm

We Accept:

DISCOVER NOVUS · VISA · MasterCard · American Express Cards
DINERS CLUB · C.O.D · MONEY ORDER · Personal or Company Check

EXPRESS DELIVERY AVAILABLE!

NO SURCHARGE ON CREDIT CARDS!

WE SHIP WORLDWIDE!

POPULAR PHOTOGRAPHY CHECKRATED STORE

Discovery!

CAMERAS AND ELECTRONICS

CALL TOLL FREE - ORDERS OR INFORMATION

1-800-493-4085

From OVERSEAS Call:
908-925-8833
From NEW JERSEY Call:
908-925-8811

Discover The Values!

425 North Wood Ave. Linden, NJ 07036

CALL TOLL FREE - Orders or Information!

POLITE, FRIENDLY SALESPEOPLE!

How To Reach Us:
24 Hour Fax:
908-925-0105
Local & Overseas:
908-925-8811
Customer Service:
908-925-8548
Customer Service Hours:
Mon-Thur: 12pm - 4pm
Friday: 11am - 2pm
E-Mail:
Discocam@ix.netcom.com

SE HABLA ESPANOL!

SATISFACTION GUARANTEED WITHIN 21 DAYS...OR YOUR MONEY BACK!

SPECIAL OFFER - 3 FREE ROLLS OF FILM WITH EVERY PURCHASE!

EVERYTHING WE SELL IS BRAND NEW AND FACTORY FRESH!

AUTHORIZED DEALER!

Canon

WE SPECIALIZE IN ALL CANON PRODUCTS!

Canon SLR SYSTEM

EOS CAMERA BODIES

CALL FOR LATEST EOS BODIES!

EOS IN	1109.99/1009.99
EOS IN-RS	CALL
EOS A2E	539.99
EOS A2E 28-105 USM KIT	739.99
EOS A2	439.99
EOS A2 28-105 USM KIT	634.99
EOS ELAN IIE QD	359.99
EOS ELAN IIE	339.99
EOS ELAN II	299.99
EOS REBEL G	199.99
EOS REBEL G QD	219.99
EOS IX (APS)	279.99
EOS IX LITE	234.99
EOS IX 24-85 Kit	469.99
EOS IX LITE 22-55 KIT	329.99

EOS FLASHES

550 EX Pro Flash	*NEW!* CALL		
540 EZ	229.99	430 EZ	119.99
380 EX	119.99	300 EZ	49.99
200 E	34.99	ML-3	CALL
480EG Handle Mount Flash	399.99		
OFF CAMERA SHOE CORD	CALL		
TRANSISTOR PACK E	CALL		
TTL HOT SHOE ADAPTER	CALL		
TTL DISTRIBUTOR	CALL		
OFF CAMERA SHOE	CALL		
CONNECTING CORD 300	CALL		

EOS ACCESSORIES

2X CONVERTER FOR EOS	34.99
WIDE STRAP FOR EOS	19.99
CASE FOR CAMERA & LENS	29.99
GADGET BAG	34.99
LENS CLEANING KIT	19.99
EYECUP FOR EOS CAMERAS	19.99
HOVE BOOKS f/EOS Cameras	16.99
RS-60E3 Remote	CALL
RS-60T3 Remote	CALL
RC-1 Remote	CALL
GR-80TP GRIP	CALL
VG-10 GRIP	CALL
ADAPTER FD TO EOS	24.99
BP-50 BATTERY PACK	CALL
EF-12 EXTENSION TUBE	CALL
EF-25 EXTENSION TUBE	CALL

CANON ULTRASONIC LENSES

15 2.8 USM	569.99
20 2.8 USM	354.99
28 1.8 USM	339.99
50 1.4 USM	279.99
85 1.8 USM	284.99
135 2.8 Soft Focus	CALL
20-35 3.5-4.5 USM	324.99
22-55 4.0-5.6 USM	119.99
24-85 3.5-4.5 USM	249.99
28-80 3.5-5.6 USM	79.99
28-105 3.5-4.5 USM	194.99
28-135 3.5-5.6 USM IS	419.99
35-80 4.0-5.6 USM	64.99
55-200 4.5-5.6 USM	159.99
75-300 4.0-5.6 USM	149.99
75-300 4.0-5.6 USM IS	439.99
80-200 4.5-5.6 USM	89.99
100-300 4.5-5.6 USM	209.99

Call For All Other CANON Lenses!

CANON EF LENSES

24 2.8 EF	169.99
50 1.8 EF	49.99
50 1.8 EF II	CALL
50 2.5 MACRO EF	209.99
100 2.8 MACRO EF	369.99
35-80 4.0-5.6 EF	64.99
75-300 4.0-5.6 EF	119.99

FD MANUAL FOCUS

24 2.8 FOR FD	59.99
28 2.8 FOR FD	49.99
100 3.5 MACRO FOR FD	129.99
18-28 4.0 FOR FD	119.99
28-70 3.5-4.5 FOR FD	69.99
28-105 3.5 FOR FD *Special.*	114.99
28-200 4.0 FOR FD *Special.*	149.99
70-210 4.0-5.6 FOR FD	79.99
75-300 4.5-5.6 FOR FD	129.99
100-500 5.6-8.0 FOR FD	234.99
500 8.0 FOR FD	79.99
2X CONVERTER FOR FD	24.99
POWER WINDER FOR FD	24.99

Canon Specials!

EOS REBEL G PACKAGE:

- EOS Rebel G Body
- Canon 35-80 4.0-5.6 EF Lens
- Strap • Tripod
- Film
- Lens Cleaning Kit

259.99

Same kit w/Add'l 100-300 .... 399.99

EOS ELAN IIE PACKAGE:

- EOS Elan IIE Body
- Canon 28-80 3.5-5.6 USM Lens
- Strap
- Tripod
- Film
- Lens Cleaning Kit

Same kit w/Add'l 100-300 .... 609.99

399.99

EOS ELAN II PACKAGE:

- EOS Elan II Body
- Canon 28-80 3.5-5.6 USM Lens
- Strap
- Tripod
- Film
- Lens Cleaning Kit

Same kit w/Add'l 100-300 ...... 584.99

374.99

EOS A2e PACKAGE:

- Canon EOS A2e Body
- Canon 28-105 3.5-4.5 USM Lens
- Strap • Tripod
- Film
- Lens Cleaning Kit

734.99

Same kit w/Add'l 100-300 .... 864.99

540EZ Flash

- Bounce & Zoom Head
- LCD Display
- For All EOS Cameras

229.99

CANON CAMERA KITS

AUTHORIZED DEALER!

KIT C-1: *Canon EOS Camera Body, Electronic Flash, 28-80 3.5-5.6 USM Lens, Strap, Tripod, Film, Lens Cleaning Kit*

KIT C-2: *Canon EOS Camera Body, Electronic Flash, 35-80 4.0-5.6 USM EF Lens, 80-200 4.5-5.6 USM EF Lens, Strap, Tripod, Film, Lens Cleaning Kit*

KIT C-3: *Canon EOS Camera Body, Electronic Flash, 28-80 3.5-5.6 USM Lens, 75-300 4.0-5.6 USM Lens, Strap, Camera Bag, Tripod, Film, Lens Cleaning Kit*

KIT C-4: *Canon EOS Camera Body, Electronic Flash, Tamron 28-200 3.8-5.6 Super Aspherical Lens, Strap, Camera Case, Tripod, Film, Lens Cleaning Kit*

KIT C-6: *Canon EOS Camera Body, Electronic Flash, Canon 28-105 3.5-4.5 USM Lens, Canon 100-300 4.5-5.6 USM Lens, Strap, Camera Bag, Tripod, Film, Lens Cleaning Kit*

KIT C-7: *Canon EOS Camera Body, Electronic Flash, 28-80 3.5-5.6 USM EF Lens, 80-200 4.5-5.6 USM EF Lens, Strap, Tripod, Film, Lens Cleaning Kit*

Camera	Kit C-1	Kit C-2	Kit C-3	Kit C-4	Kit C-6	Kit C-7
EOS Rebel G	274.99	349.99	424.99	414.99	609.99	354.99
EOS Rebel G QD	309.99	369.99	454.99	449.99	629.99	384.99
EOS Elan II	374.99	449.99	519.99	514.99	694.99	454.99
EOS Elan IIE	404.99	499.99	564.99	559.99	744.99	499.99
EOS Elan IIE QD	429.99	519.99	584.99	584.99	764.99	519.99
EOS A2	534.99	619.99	659.99	664.99	834.99	614.99
EOS A2E	624.99	719.99	754.99	769.99	864.99	714.99
EOS In	CALL	1184.99	1284.99	1254.99	1404.99	1214.99
EOS IX (APS)	354.99	409.99	504.99	484.99	629.99	424.99

Lens Specials!

Canon PROFESSIONAL "L" LENSES

2X APO	259.99
1.4X APO	309.99
14 2.8 L USM	1799.99
24 1.4 L USM	CALL
50 1.0 L USM	CALL
135 2.0 L USM	699.99
180 3.5 L USM	1199.99
200 1.8 L USM	3369.99
200 2.8 L USM II	609.99
300 2.8 L USM	3359.99
300 4.0 L USM	839.99
300 4.0 L USM IS	1099.99
400 2.8 L USM	5669.99
400 5.6 L USM	969.99
500 4.5 L USM	4999.99
600 4.0 L USM	CALL
17-35 2.8 L USM	999.99
28-70 2.8 L USM	939.99
35-350 3.5-5.6 L USM	1309.99
70-200 2.8 L USM	1049.99
100-300 5.6 L	499.99
100-400 4.5-5.6 L USM	CALL

Call For Other *L* Lenses!

Canon 75-300 4.0-5.6 Ultrasonic	Autofocus Lens	149.99
Canon 50 1.4 USM	Autofocus Lens	264.99
Canon 100 2.8 Macro	Autofocus Lens	369.99
Canon 20-35 3.5-4.5	USM Ultrasonic AF Lens	324.99
Canon 24-85 3.5-4.5	USM Ultrasonic AF Lens	249.99
Canon 28-135 3.5-5.6	USM IS Ultrasonic AF Lens	419.99
Canon 75-300 4.0-5.6	USM IS Ultrasonic AF Lens	439.99
Canon 50 2.5 Macro	Autofocus Lens	209.99
Canon 28-105 3.5-4.5	USM Ultrasonic AF Lens	194.99
Canon 22-55 4.0-5.6	USM Ultrasonic AF Lens	119.99
Canon 28-80 3.5-5.6	USM Ultrasonic AF Lens	79.99
Canon 80-200 4.5-5.6	USM Ultrasonic AF Lens	89.99
Canon 100-300 4.5-5.6	USM Ultrasonic AF Lens	209.99

AUTHORIZED DEALER!

Nikon

WE SPECIALIZE IN ALL NIKON PRODUCTS!

Nikon

NIKON CAMERA BODIES

F5 BODY	1779.99
F100	***NEW!*** CALL
N90S BODY	679.99
N70 BODY	349.99
N70 QD BODY	CALL
N60 BODY ***NEW!***	249.99
N6006 BODY	319.99
N50 BODY	209.99
PRONEA 6i BODY (APS)	299.99

•NIKON AF "D" LENSES

16 2.8 D AF	569.99
20 2.8 D AF	374.99
24 2.8 D AF	249.99
28 2.8 D AF	159.99
50 1.4 D AF	204.99
60 2.8 MICRO D AF	279.99
85 1.4 D AF	739.99
85 1.8 D AF	279.99
105 2.8 MICRO D AF	464.99
200 4.0 ED IF MICRO D AF	1059.99
20-35 2.8 D AF	1299.99
24-50 3.3-4.5 D AF	234.99
24-120 3.5-5.6 D AF	384.99
28-70 3.5-4.5 D AF	229.99
28-80 3.5-5.6 D AF	119.99
28-200 3.5-5.6 D AF ***NEW!***	384.99
35-70 2.8 D AF	479.99
35-80 4.0-5.6 D AF	CALL
35-105 3.5-4.5 D AF	219.99
70-210 4.0-5.6 D AF	199.99
70-180 4.5-5.6 D MICRO AF	679.99
70-300 4.0-5.6 D AF ***NEW!***	249.99
80-200 4.5-5.6 D AF	119.99
80-200 2.8 D AF (W/Tripod Mt)	699.99
80-200 2.8 AF-S ***NEW!***	CALL

•NIKON AF LENSES

50 1.8 AF	74.99
300 4.0 ED IF AF	749.99
28-85 3.5-4.5 AF	244.99
35-135 3.5-4.5 AF	279.99
75-300 4.5-5.6 AF	209.99

NIKON FLASHES

SB-28	259.99	SB-27	129.99
SB-20	129.99	SB-23	59.99
SB-22s	109.99	SB-21B	299.99
SC-17 REMOTE FLASH CORD	CALL		

AF NIKON ACCESSORIES

2X AF F/NIKON	34.99
WIDE STRAP FOR NIKON	19.99
CAMERA BAG F/NIKON	34.99
CASE FOR CAMERA & LENS	29.99
EYECUP F/NIKON	19.99
LENS CLEANING KIT	19.99
MC-12B REMOTE CORD	CALL
MC-20 REMOTE CORD W/TIMER	CALL
MC-30 REMOTE CORD	CALL
NIKON SYSTEM VIDEOTAPES	22.99
HOVE BOOKS F/NIKON CAMERAS	16.99
MB-10 VERTICAL GRIP	CALL
MF-26 DATA BACK	CALL
MF-28 DATA BACK	CALL

Call For Other Nikon Accessories!

AIS MANUAL FOCUS

FM-2 BODY	349.99
FM-10 KIT W/35-80	164.99
F3-HP	929.99
24 2.8 AIS FOR NIKON	59.99
28 2.8 AIS FOR NIKON	49.99
100 3.5 MACRO AIS F/NIKON	129.99
18-28 4.0 AIS FOR NIKON	139.99
28-70 3.5-4.5 AIS FOR NIKON	69.99
28-105 3.5 FOR AIS *Special.*	114.99
28-200 4.0 FOR AIS *Special.*	149.99
70-210 4-5.6 AIS FOR NIKON	79.99
75-300 4.5-5.6 AIS for NIKON	129.99
100-500 5.6-8.0 AIS f/Nikon	234.99
500 8.0 AIS FOR NIKON	79.99
2X MF FOR NIKON	24.99
Power Winder for Nikon MF	24.99
LENS CLEANING KIT	19.99
WIDE STRAP W/NIKON NAME	9.99
Screw Lens To Nikon Adapter	14.99

**-All Nikon Lenses Listed are Imported and Warranted by Discovery!*

NIKON SPECIALS!

Nikon N50 Package:

Nikon N50 Body, Nikon 35-80 4.0-5.6 AF D Lens, Tripod, Strap, Electronic Flash

269.99 CLOSEOUT!

Same kit w/Add'l 80-200 4.5 .... 389.99

Nikon N70 Package:

Nikon N70 Body, Nikon 35-80 4.0-5.6 AF D Lens, Tripod, Strap, Electronic Flash

419.99

Same kit w/Add'l 80-200 4.5 ...... 539.99

Nikon Pronea S Package:

Nikon Pronea S Body, Nikon 30-60 AF D IX Lens, Tripod, Strap, Electronic Flash

344.99

Same kit w/Add'l 60-180 .... CALL

Nikon N60 Package:

Nikon N60 Body, Nikon 35-80 4.0-5.6 AF D Lens, Tripod, Strap, Electronic Flash

329.99

Same kit w/Add'l 80-200 4.5 .... 449.99

SB-28 Flash

- Bounce & Zoom Head
- LCD Display
- For All Nikon Cameras

NEW!

259.99

NIKON CAMERA KITS

AUTHORIZED DEALER!

KIT N-1: *Nikon Camera Body, Electronic Flash, Nikon 35-80 4.0-5.6 D AF Lens, Strap, Tripod, 2 Rolls Film, Lens Cleaning Kit, Capkeeper*

KIT N-2: *Nikon Camera Body, Electronic Flash, Nikon 28-80 3.5-5.6 D AF Lens, Strap, Tripod, 2 Rolls Film, Lens Cleaning Kit, Capkeeper*

KIT N-3: *Nikon Camera Body, Electronic Flash, Nikon 35-80 4.0-5.6 D AF Lens, Nikon 80-200 4.5-5.6 D AF Lens, Strap, Camera Case, Tripod, 2 Rolls Film, Lens Cleaning Kit*

KIT N-4: *Nikon Camera Body, Electronic Flash, Tamron 28-200 3.8-5.6 Super Aspherical Lens, Strap, Tripod, Camera Case, 2 Rolls Film, Lens Cleaning Kit, Capkeeper*

KIT N-6: *Nikon Camera Body, Electronic Flash, Nikon 28-80 3.5-5.6 D AF Lens, Nikon 80-200 4.5-5.6 D AF Lens, Strap, Camera Case, Tripod, 2 Rolls Film, Lens Cleaning Kit*

KIT N-8: *Nikon Camera Body, Electronic Flash, Nikon 28-80 3.5-5.6 D AF Lens, Nikon 70-300 4.0-5.6 D AF Lens, Strap, Camera Bag, Tripod, 2 Rolls Film, Lens Cleaning Kit*

Camera	Kit N-1	Kit N-2	Kit N-3	Kit N-4	Kit N-6	Kit N-8
F5	1894.99	1924.99	1999.99	2044.99	2029.99	2144.99
N90S	794.99	844.99	864.99	894.99	899.99	1094.99
N70	434.99	469.99	539.99	574.99	579.99	714.99
N60	344.99	369.99	439.99	474.99	479.99	634.99
N50	264.99	294.99	374.99	404.99	429.99	564.99
FM-2	369.99	394.99	484.99	494.99	479.99	634.99
PRONEA 6i	369.99	404.99	484.99	494.99	479.99	664.99

Nikon N70

- Nikon N70s Body
- Nikon 28-80 3.5-5.6 D AF Lens
- Nikon 70-300 4.0-5.6 D AF Lens
- Wide Strap
- Camera Bag
- Full-Size Tripod
- Cleaning Kit
- 5 Rolls Film

714.99

Nikon N90s

SPECIAL!

- Nikon N90s Body
- Nikon 28-80 3.5-5.6 D AF Lens
- Nikon 70-300 4.0-5.6 D AF Lens
- Wide Strap
- Camera Bag
- Full-Size Tripod
- Cleaning Kit
- 5 Rolls Film • Eyecup

1094.99

Lens Specials!

Nikon 24-120 3.5-5.6	Autofocus D Lens	384.99
Nikon 35-70 2.8	Autofocus D Lens	479.99
Nikon 28-80 3.5-5.6	Autofocus D Lens	119.99
Nikon 28-200 3.5-5.6	Autofocus D Lens	384.99
Nikon 80-200 2.8 D AF •Tripod Mount	Autofocus Lens	699.99
Nikon 20 2.8	Autofocus D Lens	374.99
Nikon 50 1.4	Autofocus D Lens	189.99
Nikon 105 2.8 Micro	Autofocus D Lens	464.99
Nikon 70-300 4.0-5.6	Autofocus D Lens	249.99
Nikon 24 2.8	Autofocus D Lens	249.99
Nikon 60 2.8 Micro	Autofocus D Lens	279.99
Nikon 24-50 3.3-4.5	Autofocus D Lens	234.99
Nikon 80-200 4.5-5.6	Autofocus D Lens	119.99

Company Policy: Payment can be made with Visa, Mastercard, Discover, American Express, Diners Club, Check, or C.O.D. These are mail order prices only. In-Store prices may be different. If you would like to come to the store, please call ahead of time. For personal checks and money orders, please allow four weeks from the time we deposit your check. All prices are valid through end of monthly issue. All prices listed are after manufacturer's rebate, unless otherwise noted. S&H charges extra. Everything we sell is brand new. Merchandise can be returned or exchanged within 21 days from time of receipt; 7 days for audio and video equipment. All returns must be in original mint contition, with unmarked carton, packing, papers, and unfilled warranty cards. Shipping and handling charges are not refundable. All returns subject to minimum 5% restocking fee. All returned merchandise must be accompanied by RMA #. No dealers. We reserve the right to limit quantities. Not responsible for typographical errors. Special Order Items are not returnable. All products carry USA or International Warranty. Enjoy your order!

Store Hours:
Monday.....9:30am - 8:30pm
Tuesday.....9:30am - 8:30pm
Wed...........9:30am - 8:30pm
Thursday...9:30am - 8:30pm
Friday.........9:30am - 4:30pm
Saturday..................CLOSED
Sunday....10:00am - 6:00pm

EXPRESS DELIVERY AVAILABLE!

NO SURCHARGE ON CREDIT CARDS!

We Accept:
DISCOVER NOVUS | VISA | MasterCard | Cards
DINERS CLUB | C.O.D | MONEY ORDER | Personal or Company Check

WE SHIP WORLDWIDE!

POPULAR PHOTOGRAPHY CHECKRATED STORE

Discovery!

CAMERAS AND ELECTRONICS

CALL TOLL FREE - ORDERS OR INFORMATION
1-800-493-4085

From OVERSEAS Call:
908-925-8833
From NEW JERSEY Call:
908-925-8811

Discover The Values!

425 North Wood Ave. Linden, NJ 07036

CALL TOLL FREE - Orders or Information!

POLITE, FRIENDLY SALESPEOPLE!

How To Reach Us:
24 Hour Fax:
908-925-0105
Local & Overseas:
908-925-8811
Customer Service:
908-925-8548
Customer Service Hours:
Mon-Thur: 12pm - 4pm
Friday: 11am - 2pm
E-Mail:
Discocam@ix.netcom.com

SE HABLA ESPANOL!

SATISFACTION GUARANTEED WITHIN 21 DAYS...OR YOUR MONEY BACK!

AUTHORIZED DEALER!

MINOLTA

WE SPECIALIZE IN ALL MINOLTA PRODUCTS!

MINOLTA SLR SYSTEM

AF SLR CAMERA BODIES

Maxxum 9	1499.00
800 SI	519.99
700 SI	419.99
600 SI	319.99
XTSI ... NEW!	299.99
HTSI ... NEW!	254.99
500 SI	229.99
400 SI	179.99

CALL FOR OTHER MINOLTA BODIES!

MAXXUM AF LENSES

20 2.8 AF	419.99
24 2.8 AF	179.99
28 2.8 AF	139.99
50 1.7 AF	54.99
50 2.8 MACRO AF	199.99
100 2.8 MACRO AF	379.99
24-85 3.5-4.5 AF	279.99
28-80 4.0-5.6 I AF	84.99
28-80 4.0-5.6 XI AF	69.99
28-85 3.5-4.5 I AF	189.99
28-105 3.5-4.5 I AF	179.99
28-105 3.5-4.5 XI AF	149.99
35-70 3.5-4.5 I AF	CALL
35-80 4.0-5.6 PZ AF	64.99
70-210 3.5-4.5 I AF	139.99
70-210 4.5-5.6 I AF	94.99
75-300 4.5-5.6 I AF	119.99
80-200 4.5-5.6 XI AF	69.99
100-300 4.5-5.6 I AF	109.99
100-300 4.5-5.6 XI AF	129.99

Call for More MAXXUM Lenses!

MAXXUM FLASHES

5400 HS	239.99	5400 XI	129.99
3500 XI	99.99	5200 I	89.99
3200 I	54.99	2000 XI	34.99
1200 AF-N	259.99	4000 AF	99.99
2800 AF	49.99	2000 I	34.99

MAXXUM ACCESSORIES

2X AF FOR MAXXUM	34.99
WIDE STRAP W/MAXXUM NAME	19.99
EYECUP FOR MAXXUM	19.99
LENS CLEANING KIT	19.99
CASE FOR CAMERA & LENS	29.99
CAMERA BAG FOR MAXXUM	34.99
RC-1000L REMOTE CORD	32.99
RC-1000S REMOTE CORD	29.99

CALL FOR OTHER MAXXUM ACCESSORIES!

MD MANUAL FOCUS

X-700 BODY	189.99	W/50 1.7	CALL
X-370 BODY	109.99	W/50 1.7	CALL
360PX	99.99	280 PX	59.99

24 2.8 FOR MD	59.99
28 2.8 FOR MD	49.99
100 3.5 MACRO FOR MD	129.99
28-70 3.5-4.5 FOR MD	69.99
28-105 3.5 FOR MD .Special.	114.99
28-200 4.0 FOR MD ...Special.	149.99
70-210 4.0-5.6 FOR MD	79.99
75-300 4.5-5.6 FOR MD	129.99
100-500 5.6-8.0 FOR MD	234.99
500 8.0 FOR MD	79.99
2X CONVERTER FOR MD	24.99
POWER WINDER FOR MD	24.99

Minolta Specials

Maxxum XTSi Package:
Maxxum XTSI Body
Maxxum 28-80 4.0-5.6 XI AF Lens, Tripod, Electronic Flash, Film
374.99
Same kit w/Add'l 100-300.........544.99

Maxxum HTSI Package:
Maxxum HTSI Body
Maxxum 35-80 4.0-5.6 PZ AF Lens, Tripod, Electronic Flash, Film
289.99
Same kit w/Add'l 80-200.........399.99

Maxxum 400SI Package:
Maxxum 400SI Body
Maxxum 35-80 4.0-5.6 XI AF Lens, Tripod, Electronic Flash, Film
269.99
After Rebate
Same kit w/Add'l 100-300.........379.99

Maxxum 800SI Package:
Maxxum 800SI Body
Maxxum 28-80 4.0-5.6 XI AF Lens, Tripod, Electronic Flash, Film
599.99
Same kit w/Add'l 100-300.........739.99

AUTHORIZED DEALER! MINOLTA CAMERA KITS

KIT M-1: Minolta Maxxum Camera Body, Electronic Flash, 28-80 4.0-5.6 XI Lens, Strap, Tripod, Film, Lens Cleaning Kit

KIT M-2: Minolta Maxxum Camera Body, Electronic Flash, 28-80 4.0-5.6 XI Lens, 80-200 4.5-5.6 XI Lens, Strap, Tripod, Film, Lens Cleaning Kit

KIT M-3: Minolta Maxxum Camera Body, Electronic Flash, 28-80 4.0-5.6 XI Lens, 75-300 4.5-5.6 AF Lens, Strap, Camera Bag, Tripod, Film, Lens Cleaning Kit

KIT M-4: Minolta Maxxum Camera Body, Electronic Flash, Tamron 28-200 3.8-5.6 Super Aspherical Lens, Strap, Camera Case Tripod, Film, Lens Cleaning Kit

KIT M-5: Minolta Maxxum Camera Body, Electronic Flash, Minolta 24-85 3.5-4.5 AF Lens, Minolta 75-300 4.5-5.6 AF Strap, Tripod, Film, Lens Cleaning Kit

KIT M-6: Minolta Maxxum Camera Body, Electronic Flash, 28-105 3.5-4.5 Lens, 100-300 4.5-5.6 AF Lens, Strap, Camera Bag, Tripod, Film, Lens Cleaning Kit

Camera	Kit M-1	Kit M-2	Kit M-3	Kit M-4	Kit M-5	Kit M-6
Maxxum 9	CALL	CALL	CALL	CALL	CALL	CALL
Maxxum 400Si	254.99	329.99	404.99	414.99	594.99	469.99
Maxxum 500Si	284.99	379.99	434.99	424.99	634.99	519.99
Maxxum XTSi	374.99	449.99	544.99	529.99	704.99	619.99
Maxxum HTSi	329.99	409.99	494.99	479.99	654.99	569.99
Maxxum 600Si	389.99	469.99	534.99	514.99	694.99	629.99
Maxxum 800Si	594.99	669.99	734.99	744.99	894.99	829.99

LL PRICES LISTED AFTER REBATES

Lens Specials!

MINOLTA 28-80 4.0-5.6 Xi Autofocus Lens **69.99**

MINOLTA 28-80 4.0-5.6 i Autofocus Lens **84.99**

MINOLTA 28-105 3.5-4.5 Xi Autofocus Lens **149.99**

MINOLTA 70-210 4.5-5.6 Autofocus Lens **94.99**

MINOLTA 75-300 4.5-5.6 Telephoto Autofocus Lens **119.99**

MINOLTA 24 2.8 Autofocus Lens **264.99**

MINOLTA 50 2.8 Macro Autofocus Lens **199.99**

MINOLTA 100 2.8 Macro Autofocus Lens **379.99**

MINOLTA 24-85 3.5-4.5 i Autofocus Lens **279.99**

MINOLTA 80-200 4.5-5.6 Xi Autofocus Lens **69.99**

MINOLTA 100-300 4.5-5.6 Xi Autofocus Lens **129.99**

AUTHORIZED DEALER!

PENTAX

WE SPECIALIZE IN ALL PENTAX PRODUCTS!

PENTAX SLR SYSTEM

PENTAX CAMERA BODIES

PZ-1P	464.99		
ZX-5N	319.99	ZX-5	259.99
ZX-10	189.99		
ZX-50	149.99		

PENTAX FLASHES

AF-500 FTZ	259.99	330FTZ	119.99

PENTAX ACCESSORIES

2X CONVERTER FOR PENTAX AF	34.99
WIDE STRAP FOR PENTAX	19.99
CASE FOR CAMERA & LENS	29.99
GADGET BAG	34.99
LENS CLEANING KIT	19.99

PENTAX AF LENSES

FA 50 2.8 MACRO	279.99
FA 28-70 4.0	139.99
FA 28-80 3.5-4.7	89.99
FA 28-105 3.5-4.5	169.99
FA 28-200 3.8-5.6	199.99
FA 35-80 4.0-5.6	64.99
FA 70-200 4.0-5.6	139.99
FA 100-300 4.5-5.6	169.99

MANUAL FOCUS

ZX-M	134.99
K1000 BODY	129.99
P30T BODY	129.99
100 3.5 MACRO PK F/PENTAX	129.99
28-70 3.5-4.5 PK FOR PENTAX	69.99
28-105 3.5 PK FOR PENTAX	114.99
28-200 4.0 PK FOR PENTAX	149.99
70-210 4.0-5.6 PK FOR PENTAX	79.99
75-300 4.5-5.6 PK F/PENTAX	129.99
100-500 5.6-8.0 PK F/Pentax	234.99
500 8.0 PK FOR PENTAX	79.99
2X CONVERTER F/PENTAX PK	24.99
POWER WINDER FOR PENTAX	24.99
CASE FOR CAMERA AND ZOOM	29.99
CAMERA BAG	34.99

Pentax ZX-M Package:
Pentax ZX-M Body
Pentax F 50 2.0 Lens
Strap, Tripod
Film, Flash
Lens Cleaning Kit
189.99
Same kit w/Add'l 80-200 4.7.......269.99

Pentax K1000 Package:
Pentax K1000 Body, Pentax A 50 2.0 Lens, Strap, Tripod, Flash, Roll Of Color Film
199.99
Same kit w/Ricoh KRS Super II.....279.99

Pentax ZX-50 Package:
Pentax ZX-50 Body
Pentax F 35-80 4.0-5.6 Lens
Strap, Tripod
Film
Lens Cleaning Kit
239.99
Same kit w/Add'l 80-200 4.7.......339.99

Pentax ZX-10 Package:
Pentax ZX-10 Body
Pentax F 35-80 4.0-5.6 Lens
Strap, Tripod
Film
Lens Cleaning Kit
269.99
Same kit w/Add'l 80-200 4.7.......399.99

AUTHORIZED DEALER! PENTAX CAMERA KITS

KIT P-1: Pentax Camera Body, Electronic Flash, Pentax F 35-80 4.0-5.6 AF Lens, Strap, Tripod, 2 Rolls Film, Lens Cleaning Kit, Capkeeper

KIT P-2: Pentax Camera Body, Electronic Flash, Pentax FA 28-80 3.5-4.7 AF Lens, Strap, Tripod, 2 Rolls Film, Lens Cleaning Kit, Capkeeper

KIT P-3: Pentax Camera Body, Electronic Flash, Pentax FA 28-105 4.0-5.6 AF Lens, Pentax FA 100-300 4.5-5.6 AF Lens, Strap, Camera Case, Tripod, 2 Rolls Film, Lens Cleaning Kit

KIT P-4: Pentax Camera Body, Electronic Flash, Tamron 28-200 3.8-5.6 Super Aspherical Lens, Strap, Tripod, Camera Case, 2 Rolls Film, Lens Cleaning Kit, Capkeeper

KIT P-5: Pentax Camera Body, Electronic Flash, Pentax 28-105 3.5-4.5 FA Lens, Strap, Tripod, 2 Rolls Film, Lens Cleaning Kit, Capkeeper

KIT P-6: Pentax Camera Body, Electronic Flash, 28-70 3.5-4.5 PK Lens f/Pentax, 75-300 4.5-5.6 PK Lens F/Pentax, Strap, Tripod, Camera Case, 2 Rolls Film, Lens Cleaning Kit, Capkeeper

Camera	Kit P-1	Kit P-2	Kit P-3	Kit P-4	Kit P-5	Kit P-6
PZ-1P	534.99	554.99	824.99	694.99	614.99	614.99
ZX-5N	394.99	404.99	694.99	519.99	489.99	524.99
ZX-5	324.99	344.99	594.99	474.99	434.99	514.99
ZX-10	254.99	294.99	529.99	394.99	354.99	404.99
ZX-50	234.99	249.99	474.99	354.99	314.99	384.99
ZX-M	189.99	209.99	469.99	334.99	294.99	364.99

TAMRON LENSES

28-200 3.8-5.6 LD IF Super Aspherical Autofocus Lens **234.99**

28-300 3.5-6.3 LD IF Super Aspherical Autofocus Lens **469.99**

200-400 5.6 LD IF Autofocus Lens **399.99**

28-105 2.8 LD IF Autofocus Lens **679.99**

Lens	MF	EOS	Nik/Max	Pentax
90 2.8 Mac	379.99	409.99	409.99	---
24-70 3.3-5.6	----	399.99	399.99	---
28-80 3.5-5.6	----	189.99	189.99	189.99
100-300 5.0-6.3	----	239.99	239.99	239.99
70-300 4.0-5.6	----	199.99	199.99	199.99
70-300 4.0-5.6 Pro	----	499.99	569.99	539.99
80-210 4.5-5.6	----	189.99	189.99	189.99

TOKINA LENSES

35-300 4.5-6.7 Autofocus Lens **199.99**

100-400 5.6-6.7 Autofocus Lens **199.99**

Point & Shoot

Canon

SureShot Z135 **184.99**
- 38-135mm Zoom
- Red-Eye Reduction
- Silver Finish
- Self-Timer

SURE SHOT Z115	169.99
SURE SHOT 105 ZOOM	139.99
SURE SHOT 70 ZOOM	99.99
SURE SHOT AI	129.99

Call For Quartz Date Models!

OLYMPUS

Stylus Zoom 140 **229.99** NEW!
- 38-140mm Zoom
- 6 Flash Modes
- Compact
- Weatherproof

IS-3	369.99
IS-20	269.99
STYLUS ZOOM 115	179.99
STYLUS ZOOM 105	159.99
STYLUS EPIC	84.99

Call For Quartz Date Models!

PENTAX

IQZoom 160 **224.99**
- 38-160mm Zoom
- Red-Eye Reduction
- Panorama
- Macro • LCD Panel

IQZoom 200 **269.99**
- 48-200mm Zoom
- Red-Eye Reduction
- Panorama
- Super Telephoto!

200 Zoom	269.99
140M Zoom	204.99
115M Zoom	164.99
105WR Zoom	194.99
90MC Zoom	144.99
928 Zoom	149.99
80E Zoom	109.99

Call for Quartz Date Models!

CALL FOR OTHER CAMERAS!

APS

Canon

ELPH **199.99**
- 22-48mm Zoom
- Stainless Steel
- Compact
- 3 Print Modes

ELPH 490z **259.99**
- 22.5-90mm Zoom
- Stainless Steel
- Red-Eye Reduction
- 3 Print Modes

ELPH 370z **249.99**
- 3x Zoom
- Mid-Roll Change
- Red-Eye Reduction
- 3 Print Modes

ELPH Jr.	99.99
ELPH 260Z	89.99
ELPH REMOTE CONTROL	CALL

Nikon

NUVIS 160i **219.99**
- 30-125mm Zoom
- Large Viewfinder
- Red-Eye Reduction
- Optional Remote

NUVIS 110i	CALL

MINOLTA

VECTIS 40 **199.99**
- 30-120mm Zoom
- Aspherical Glass
- Weatherproof
- 3 Print Modes

VECTIS 300 **239.99**
- 3x Zoom Lens
- Stainless Steel Body
- Compact Size
- Red-Eye Reduction

VECTIS Weathermatic Zoom	249.99
VECTIS 25	129.99
VECTIS 30	174.99

VIDEO DEPARTMENT

ALL VIDEO PRODUCTS CARRY FULL MANUFACTURER'S USA WARRANTY!

FREE TRIPOD AND VIDEO LIGHT WITH EVERY CAMCORDER PURCHASE!

Panasonic

AG-456 SPECIAL!
INDUSTRIAL QUALITY S-VHS VIDEOCAMERA
1199.99
• S-VHS • Hi-Fi Stereo • 100x Zoom • Special Effects • Stereo Zoom Microphone • Laminated Amorphous Heads • Digital Effects, Including Mix, Tracer, Still, Gain-Up, Strobe, Wipe, and Zoom

AG-1980 **944.99**
S-VHS PROFESSIONAL EDITING VCR
• S-VHS • Hi-Fi Stereo • Audio/Video Dubbing • Digital Comb Filter • Mic Input Terminal • Headphone Monitor

SONY

DCR-VX1000 SPECIAL!
3-CCD DIGITAL VIDEOCAMERA
2799.99
• 500 Lines Resolution • Hi-Fi Stereo • Color Viewfinder • Super SteadyShot Image Stabilizer • 20x Digital Zoom • Photo Mode • Zebra Pattern Exposure Indicator • 2-Speed Edit Search

JVC

GR-DVM50 SPECIAL!
DIGITAL CYBERCAM
899.99
• MiniDV System Produces Over 500 Lines Resolution • 2.5" LCD Screen • Digital Stereo Recording • 12 Digital Effects • 200x Digital Zoom • Random Assemble Editing

CALL FOR OTHER VIDEO PRODUCTS NOT LISTED!

CANON

XL-1 SPECIAL!
3CCD INTERCHANGEABLE LENS CAMCORDER
3499.99
• Accepts XL-Mount Interchangeable Lenses • 16x Image Stabilizer Lens Included • Digital Photo Mode • Digital Fader • Headphone Jack • Remote Control • Digital Audio • Color Viewfinder

OPTURA SPECIAL!
DIGITAL CAMCORDER With SLR DESIGN
CALL!
• 500 Lines Resolution • 35x Digital Zoom • Accepts EOS-Mount Flashes (380 EX, etc.) • Optical Image Stabilizer • Digital Fades and Wipes • Seven Auto Exposure Modes

VISTURA **909.99**
DIGITAL CAMCORDER WITH VIEWSCREEN
• 64x Digital Zoom • 2.8" LCD Screen • Color Viewfinder • Optical Image Stabilizer • Hi-Fi Digital Stereo

SPECIAL OFFER - 3 FREE ROLLS OF FILM WITH EVERY PURCHASE!

SATISFACTION GUARANTEED WITHIN 21 DAYS...OR YOUR MONEY BACK!

Company Policy: Payment can be made with Visa, Mastercard, Discover, American Express, Diners Club, Check, or C.O.D. These are mail order prices only. In-Store prices may be different. If you would like to come to the store, please call ahead of time. For personal checks and money orders, please allow four weeks from the time we deposit your check. All prices are valid through end of monthly issue. All prices listed are after manufacturer's rebate, unless otherwise noted. S&H charges extra. Everything we sell is brand new. Merchandise can be returned or exchanged within 21 days from time of receipt; 7 days for audio and video equipment. All returns must be in original mint condition, with unmarked carton, packing, papers, and unfilled warranty cards. Shipping and handling charges are not refundable. All returns subject to minimum 5% restocking fee. All returned merchandise must be accompanied by RMA #. No dealers. We reserve the right to limit quantities. Not responsible for typographical errors. Special Order Items are not returnable. All products carry USA or International Warranty. Enjoy your order!

ABE'S® OF MAINE

SINCE 1979! CAMERAS AND ELECTRONICS

1957 CONEY ISLAND AVE., BROOKLYN, NY 11223

TOLL-FREE CUSTOMER SERVICE LINE:
For Inquiries on orders already placed and Shipping information from 9:30am-5:00pm EST
Fridays 9:30am-3:00pm EST
1-800-992-2379

Local & Overseas CALL
1-718-645-1818

FAX 1-718-645-4470

C.O.D.

ALL MERCHANDISE IS BRAND NEW & FACTORY FRESH!

CALL TOLL FREE — *Prices Valid until JUNE 30,1999* — OPEN SUNDAY

POPULAR PHOTOGRAPHY CHECKRATED STORE

1-800-958-2237

OPEN HOURS

Monday - Thursday 9:30AM-10:30PM
Friday 9:30AM-6:30PM
Saturday Closed
Sunday 10:00AM-7:00PM

ORIGINALLY FROM OLD ORCHARD BEACH, MAINE

CALL FOR OUR FREE CATALOG!

Orders and Inquiries can now be **E-Mailed** to us at: ABEMAINE@aol.com

NO SURCHARGE ON CREDIT CARDS!

WORLDWIDE SHIPPING

ALL CANON SLR's COME WITH A FULL CANON USA WARRANTY

Canon

ALL CANON SLR's COME WITH A FULL CANON USA WARRANTY

AUTHORIZED DEALER

EOS ELAN IIE KIT

USA Warrantied Body

- Canon 28-80 3.5-5.6 USM lens
- Cleaning Kit
- Carrying strap
- Full size tripod

$419.99*

EOS CAMERAS

**After Rebate*

EOS Rebel G USA	199.99
EOS Rebel G QD USA	229.99
EOS Rebel G 35-80 Kit USA	269.99
EOS Rebel 2000	249.99
EOS Elan II	289.99
EOS Elan IIE USA	339.99
EOS Elan IIE 28-80 Kit USA	379.99

EOS A2 USA	439.99*
EOS A2 28-105 USM Kit USA	639.99*
EOS A2E USA	539.99*
EOS A2E 28-105 USM Kit USA	739.99*
EOS IN USA	150.00 REBATE
EOS IN RS USA	150.00 REBATE
EOS 3	1399.99
EOS IX USA	279.99*
EOS IX 24-85 USM Kit USA	449.99*
EOS IX Lite USA	229.99
EOS IX Lite 22-55 USM Kit USA	329.99*

FLASHES

550EX	*IN STOCK!*
540EX	229.99
480EG	479.99
430EZ	159.99
380EX	124.99
220EX	79.99
ML-3	*CALL!*

EF LENSES

15 2.8 Fisheye AF	579.99
24 2.8 EF AF	249.99
28 2.8 EF AF	159.99
35 2.0 EF AF	239.99
50 1.8 EF AF	54.99
50 1.8 II EF AF	89.99
50 2.5 Macro EF AF	229.99
100 2.8 Macro EF AF	459.99
135 2.8 Soft Focus EF AF	289.99
35-80 4.0-5.6 EF AF	69.99
80-200 4.5-5.6 EF AF	99.99
75-300 4.0-5.6 EF AF	139.99

75-300
4.0-5.6 USM AF
$159.99

28-135
3.5-4.5 USM IS AF
$429.99

ULTRASONIC LENSES

20 2.8 USM AF	379.99
28 1.8 USM AF	389.99
50 1.4 USM AF	289.99
85 1.8 USM AF	289.99
100 2.0 USM AF	379.99
20-35 3.5-4.5 USM AF	369.99
24-85 3.5-4.5 USM AF	249.99
28-80 3.5-5.6 USM AF	89.99
28-105 3.5-4.5 USM AF	189.99
28-135 3.5-4.5 USM IS AF	429.99
35-80 4.0-5.6 USM	79.99
75-300 4.0-5.6 USM AF	159.99
75-300 4.0-5.6 USM IS AF	449.99
80-200 4.5-5.6 USM AF	109.99
100-300 4.5-5.6 USM AF	229.99

28-105
3.5-4.5 USM AF
$189.99

EF "L" LENSES

14 f2.8 "L" USM	*CALL!*
50 f1.0 "L" USM	2399.99
85 f1.2 "L" USM	1239.99
135 f2.0 "L" USM	739.99
180 f3.5 "L" USM	1289.99
200 f1.8 "L" USM	*CALL!*
200 f2.8 "L" USM	699.99
300 f4.0 "L" USM	899.99
300 f4.0 "L" IS USM	1149.99
400 f5.6 "L" USM	999.99
17-35 f2.8 "L" USM	1019.99
28-70 2.8 "L" USM	969.99
70-200 f2.8 "L" USM	1069.99
35-350 f3.5 "L" USM	1349.99
100-400 f5.6 "L" USM	1699.99
EF 1.4X Extender	339.99
EF 2.0X Extender	289.99

ACCESSORIES

VG-10 Vertical grip f/A2/A2E	*CALL!*
RC-1 Remote controller	*CALL!*
Canon original gadget bag	39.99
Wide strap with Canon name	9.99
Eyecup f/EOS cameras	9.99
2x Converter f/EOS cameras	49.99
Lens cleaning kit	9.99

MANUAL FOCUS

Power winder f/Canon	29.99
Adapt. to fit EOS screw lens	19.99
2x Converter f/Canon FD	39.99
35-70 3.5 f/Canon FD	79.99
28-70 4.0 f/Canon FD	149.99
70-210 4.0 f/Canon FD	99.99
75-300 4.5 f/Canon FD	149.99
100-500 5.6L f/Canon FD	299.99
800-1200 9.9 f/Canon FD	399.99
500 f8 Mirror f/Canon FD	99.99

ALL NIKON AF SLR's COME WITH A FULL NIKON USA WARRANTY

Nikon®

ALL NIKON AF SLR's COME WITH A FULL NIKON USA WARRANTY

AUTHORIZED DEALER

N60 CHAMPAGNE

USA Warrantied Body

- 1/2000 Sec. shutter speed
- Black & champagne
- Diopter correction adjustment
- 6 Exposure modes

$249.99

NIKON CAMERAS

**After Rebate*

N-50 USA	219.99
N-50 QD USA	*CALL!*
N-60 USA	249.99
N-60 QD USA	*IN STOCK!*
N-6006 USA	329.99
N-70 USA	339.99*
N-70 QD USA	*IN STOCK!*

N-90S USA	679.99*
F-100 USA	*IN STOCK!*
F-5 w/3 Year USA Warranty	250.00 REBATE
Pronea S w/30-60 IX lens	369.99
Pronea S w/30-60 IX lens & 60-180 IX lens	509.99
Pronea 6i USA	*CALL!*

NIKON FLASHES

SB -28
FLASH
Call!

SB-28	*CALL!*
SB-26	*CALL!*
SB-27	149.99
SB-23	79.99
SB-22s	99.99
SB-20	149.99

AF-D LENSES

16 2.8D Fisheye	579.99
18 2.8D AF	*CALL!*
20 2.8D AF	389.99
24 2.8D AF	259.99
28 1.4D AF	1349.99
28 2.8D AF	169.99
35 2.0D AF	249.99
50 1.4D AF	219.99
60 2.8D Micro AF	279.99
85 1.4D AF	799.99
85 1.8D AF	289.99
105 2.8D Micro AF	469.99
180 2.8D AF	599.99
200 Micro D AF	1099.99
20-35 2.8D AF	*CALL!*
24-50 3.3-4.5D AF	249.99
24-120 3.5-5.6D AF	389.99
28-70 3.5-4.5D AF	259.99
28-80 3.3-5.6D AF	119.99
28-105 3.5-4.5D AF	*CALL!*
28-200 3.5-5.6D AF	389.99
35-70 2.8D AF	489.99
35-80 4.0-5.6D AF	89.99
35-105 3.5-4.5D AF	259.99
70-180 4.5-5.6D AF	749.99
70-210 4.0-5.6D AF	219.99
70-300 4.0-5.6D AF	*CALL!*
80-200 2.8D w/tripod collar	719.99
80-200 2.8D Silent wave	*IN STOCK!*
300 2.8D Silent wave	*IN STOCK!*
400 2.8D Silent wave	*IN STOCK!*
500 2.8D Silent wave	*IN STOCK!*

24-120
3.5-5.6D AF
$389.99

28-200
3.5-5.6D AF
$389.99

NIKON AF LENSES

50 1.8 AF	79.99
28-85 3.5-4.5	329.99
35-135 3.5-4.5	349.99
75-300 4.5-5.6 AF	249.99

NIKON ACCESSORIES

MB-10 Vertical grip f/n90s	139.99
MC-12B Remote trigger	69.99
MC-20 Remote trigger cord	99.99
MC-30 Remote cord f/n90s	54.99
SC-17 TTL Synch Cord	59.99
Eyecup for Nikon	19.99
Red eye reduction pen	12.99
Wide strap w/"Nikon" name	9.99
Lens cleaning kit	9.99
Nikon camera bag	39.99
Nikon vestrap	89.99
Photo Secretary f/N90S-F-5	*CALL!*
2X Converter f/Nikon AF	49.99

MANUAL FOCUS

FM-2
Body
$369.99

FM2	369.99
F-3HP	*CALL!*
FM-10 35-70 Kit	219.99
Power winder F2-2 FM2 & FA	29.99
2X Converter f/Nikon MF	39.99
Adapter to fit screw lens on Nikon Body	19.99
35-70 3.5 AIS f/Nikon	79.99
28-70 4.0 AIS f/Nikon	99.99
18-28 4.5 AIS f/Nikon	149.99
70-210 4.0 AIS f/Nikon	99.99
75-300 5.6 AIS f/Nikon	149.99
100-500 5.6 AIS f/Nikon	299.99
500 f8 f/Nikon	99.99

PLEASE ASK ABOUT MINOLTA REBATES IN EFFECT NOW!

MINOLTA

PLEASE ASK ABOUT MINOLTA REBATES IN EFFECT NOW!

AUTHORIZED DEALER

XT-SI KIT

- Body w/electronic flash
- Minolta 28-80 4.0-5.6i AF lens
- Carrying strap
- Color film
- Capkeeper
- Full size tripod

$399.99

MINOLTA CAMERAS

800SI	529.99
700SI	429.99
600SI	319.99
500SI	199.99
500SI w/35-80 4.0-5.6 PZ AF Lens	279.99
400SI	179.99
300SI	149.99
300SI w/35-70 Kit	249.99

XT SI	299.99
XT SI w/28-80 4.0-5.6 Kit	399.99
HT SI	229.99
HT SI+	*CALL!*
3XI	189.99
New Maxxum 9	1499.99

MINOLTA FLASHES

5400HS
FLASH
$249.99

3500XI
FLASH
$99.99

5400XI	159.99
2000I	39.99
2800AF	59.99
1200 AF-N Flash	269.99

MINOLTA LENSES

16 2.8 Fisheye	579.99
20 2.8 AF	419.99
24 2.8 AF	459.99
28 2.8 AF	149.99
35 2.0 AF	219.99
35 1.4 AF	*CALL!*
50 1.7 AF	54.99
50 1.4 AF	169.99
50 2.8 Macro AF	249.99
50 3.5 Macro AF	189.99
85 1.4 AF	569.99
100 2.0 AF	*CALL!*
100 2.8 Macro	*CALL!*
200 2.8 AF	849.99
300 2.8 APO AF	*CALL!*
300 f4 APO AF	989.99
600 f4 APO AF	*CALL!*
20-35 3.5-4.5	449.99
24-85 3.5-4.5 AF	329.99
28-70 2.8 AF	799.99
28-80 4.0-5.6i	89.99
28-105 3.5-4.5	209.99
28-105 4.0-5.6XI	159.99
35-80 4.0-5.6 PZ	69.99
35-70 3.5-4.5 AF	*CALL!*
70-210 4.5-5.6 AF	99.99
70-210 3.5-4.5i AF	159.99
75-300 4.0-5.6i AF	149.99
80-200 4.5-5.6i	89.99
100-300 4.5-5.6i	169.99
100-300 4.5-5.6 APO AF	389.99
100-400 4.5-6.7 APO	579.99

75-300
4.0-5.6 AF
$149.99

ACCESSORIES

Expansion Cards Available

Card Case f/10 Cards	12.99
2X Converter f/Maxxum AF	49.99
Eyecup for Maxxum	19.99
Wide strap w/"Minolta" name	9.99
VC-700 Vertical grip f/800Si	*CALL!*
RC-1000S Short remote	33.99
RC-1000L Long remote	34.99
Adapt. to fit MD lens on Maxxum body	39.99
Lens Cleaning Kit	9.99
Minolta Original Camera Bag	39.99
Bounce Reflector Set	39.99
Off Camera Cable OS-1100	39.99
External Battery Pack EP-1	149.99
Camera case to fit camera & zoom lens	29.99

MANUAL FOCUS

	Body	w/50 1.7
X-700	189.99	249.99
X-370	129.99	154.99
X-9	119.99	*CALL!*

Minolta 220X	14.99
Minolta 280PX	69.99
Minolta 360PX	*CALL!*
Power winder f/Minolta	29.99
2X Converter f/Minolta	39.99
Adapter to fit screw lens on Minolta body	19.99
35-70 3.5 MD f/Minolta	79.99
28-70 4.5 MD f/Minolta	99.99
18-28 4.5 MD f/Minolta	149.99
70-210 3.5 MD f/Minolta	99.99
75-300 4.5 MD f/Minolta	149.99
100-500 5.6 MD f/Minolta	299.99
80-1200 9.9 MD f/Minolta	399.99
500 f8 Mirror lens	99.99

ALL PENTAX SLR's COME WITH A FULL PENTAX USA WARRANTY

PENTAX

ALL PENTAX SLR's COME WITH A FULL PENTAX USA WARRANTY

AUTHORIZED DEALER

PENTAX CAMERAS

PZ-1P	489.99
ZX-5N	319.99
ZX-5	289.99
ZX-10	209.99
ZX-50	189.99
ZX-M	149.99

PENTAX FLASHES

AF-500 FTZ
FLASH
$269.99

AF-400 FTZ	*CALL!*
AF-330 FTZ	119.99
AF-240 FTZ	64.99

PENTAX LENSES

FA 20 2.8	499.99
FA 24 2.0	399.99
FA 24 2.0	399.99
FA 28 2.8	179.99
FA 50 1.4	149.99
FA 50 1.7	99.99
FA 50 2.8 Macro	299.99
FA 84 1.4	739.99
FA 85 2.8 Soft	369.99
FA 100 2.8 Macro	499.99
FA 135 2.8	309.99
FA 300 2.8	*CALL!*
FA 300 4.5	749.99
FA 28-70 2.8	1019.99
FA 28-70 4.0	*CALL!*
FA 28-105 4.0-5.6	199.99
FA 28-80 3.5-4.7	99.99
FA 28-200 3.8-5.6	219.99
FA 70-200 4.0-5.6	159.99
FA 80-200 2.8	1579.99
FA 80-320 4.5-5.6	229.99
FA 100-300 4.5-5.6	249.99
F 17-28 4.0-5.6	369.99
F 80-200 4.7-5.6	129.99
F 100-300 4.5-5.6	159.99

MANUAL FOCUS

	Body	w/50 2.0
P-30T	139.99	184.99
K-1000	149.99	194.99
K-1000SE	*CALL!*	*CALL!*
ZX-M	149.99	*CALL!*

ABE'S® OF MAINE

SINCE 1979! CAMERAS AND ELECTRONICS

1957 CONEY ISLAND AVE., BROOKLYN, NY 11223

TOLL-FREE CUSTOMER SERVICE LINE:
For Inquiries on orders already placed and Shipping information from 9:30am-5:00pm EST
Fridays 9:30am-3:00pm EST
1-800-992-2379

Local & Overseas CALL
1-718-645-1818

FAX 1-718-645-4470

C.O.D.

CALL TOLL FREE · *Prices Valid until JUNE 30,1999* · **OPEN SUNDAY**

POPULAR PHOTOGRAPHY CHECKRATED STORE

1-800-958-2237

OPEN HOURS

Monday - Thursday	9:30AM-10:30PM
Friday	9:30AM-6:30PM
Saturday	Closed
Sunday	10:00AM-7:00PM

ORIGINALLY FROM OLD ORCHARD BEACH, MAINE

CALL FOR OUR FREE CATALOG!

Orders and Inquiries can now be **E-Mailed** to us at: ABEMAINE@aol.com

NO SURCHARGE ON CREDIT CARDS!

WORLDWIDE SHIPPING

ALL MERCHANDISE IS BRAND NEW & FACTORY FRESH!

POINT & SHOOT

Canon

SURESHOT Z-135
38-135mm Zoom Lens
- Flash w/Red Eye Reduction
- Silver Finish

$199.99

ELPH
APS Format
- 24-48mm Zoom
- Stainless Steel Body

$199.99

Sureshot Z-115	189.99
Sureshot 105Zoom	149.99
Sureshot 85Zoom	119.99
Elph JR	99.99
Elph LT	79.99
Elph 260	99.99
Elph 370Z	*CALL!*
Elph 490Z	249.99

PENTAX

IQZ 200
48-200mm Zoom Lens
- Flash w/Red Eye Reduction
- LCD Illumination

$299.99

IQZ-160	239.99
IQZ-140M	219.99
IQZ-140	199.99
IQZ-105WR	199.99
IQZ-928	169.99
IQZ-90MC	159.99
IQZ-80E	109.99
IQZ EZY	79.99
Efina (APS)	159.99

OLYMPUS

STYLUS ZOOM 140
38-140mm Zoom Lens
- Ultra Compact
- Weather Resistant

$229.99

IS-3	389.99
IS-20	289.99
IS-30	*CALL!*
Centurion	299.99
Stylus Zoom 115	179.99
Stylus Zoom 105	169.99
Stylus Zoom 80W	*CALL!*
LT Zoom 105	*CALL!*
Stylus Epic	89.99
Stylus Epic Zoom 80	159.99

MINOLTA

VECTIS 300
3X Zoom Lens
- 99 Titles
- Stainless Steel

$249.99* After Rebate

Freedom Zoom 140EX	219.99
Freedom Zoom Explorer	129.99
Freedom Zoom Orion	159.99
Freedom Zoom Supreme EX	189.99
Freedom Zoom 90EX	99.99
Vectis 40	219.99
Vectis 30	189.99
Vectis 25	139.99
Vectis 20	89.99
Vectis 200	99.99
Vectis Weathermatic Dual	259.99

DIGITAL IMAGING

SONY®

MVC-FD81
- 1024x768 Resolution
- MPEG Video Mode
- Accepts Floppy Disks

$649.99

MVC-FD91
- 1024x768 Resolution
- 14x Zoom
- Pop-Up Flash
- Image Stabilizer

CALL

MVC-FD71	549.99
DSCD-700	*CALL!*

OLYMPUS

D400Z
- 1.3 Million Pixels
- Pop-Up Flash
- 3x Optical Zoom
- Floppy Disk Adaptor

$599.99

D620L	879.99
D600L	679.99
D340L	399.99
D340R	379.99
D300L	319.99
P-330 PRINTER	*CALL!*

Kodak

DC-260
- 1.6 Million Pixels
- 3x Optical Zoom
- Burst Mode

$709.99

DC-220	599.99
DC-210	419.99
Dc-200	*CALL!*

Nikon

COOL PIX 950
- 2.11 Million Pixels
- 3x Optical Zoom
- 2x Digital Zoom

CALL

Cool Pix 700	*CALL!*
E3/E3S	*CALL!*

FUJI

MX-700
- 1280x960 Resolution
- 2" LCD Screen
- Ultra Compact

$499.99

SCANNERS

Nikon

LS-2000
35mm Film Scanner
- 36 Bit Color
- LED Technology
- Nikon Color Management System

$1479.99*

Cool Scan III/LS-30	699.99*
LS-4500	*IN STOCK!*

MINOLTA

DImage Scan Multi	2199.99
Dimage Scan Speed	*IN STOCK!*
Dimage Scan Dual	449.99
Quick Scan 35	699.99

35MM CAMERA LENSES

SIGMA

AF 70-200 2.8
HYPERSONIC EX
EOS & Nikon D
$699.99

AF 170-500
APO LENS
Minolta & Nikon D Pentax
$579.99

AF 135-400
APO LENS
Minolta & Nikon D Pentax
$439.99

90.2.8 MARCO
Canon MF, Nikon AF/MF Minolta AF/MF, Olympus & Yashica MF
Now... **$209.99**

50 2.8 MARCO
Canon MF, Nikon AF/MF Minolta AF/MF, Olympus & Yashica MF
Now... **$139.99**

AF 28-70 2.8
Canon EOS Minolta AF
$219.99

AF 105 2.8 EX
MARCO LENS
Minolta & Nikon D Pentax
$359.99

AF 50 2.8 EX
MACRO LENS
Minolta & Nikon D Pentax
$229.99

28-200 3.8-5.6
Nikon MF
$129.99

500 7.2 APO
Canon MF Yashica MF
$249.99

TELE EXTENDER
1.4X APO EX
$159.99

TELE EXTENDER
2.0X APO EX
$199.99

Tokina

AF 35-300 4.5-6.7
Nikon Minolta Canon Pentax
$199.99* After Rebate

AF 20-35 3.5-4.5
Nikon Minolta Canon Pentax
$249.99* After Rebate

AF 28-70 2.6-2.8
PRO
Nikon Minolta Canon Pentax
CALL

AF 80-400 4.5-5.6
Nikon Minolta Canon Pentax
$489.99* After Rebate

AF 20-35 2.8
ASPHERICAL
Nikon Minolta Canon Pentax
$599.99* After Rebate

AF 80-200 2.8
ATX PRO
Nikon Minolta Canon Pentax
$649.99* After Rebate

Vivitar

28-210 3.5-5.6
Most AF & MF Cameras
$159.99

AF 19-35 3.5-4.5
Nikon Minolta Canon
$159.99

AF 28-300 4.0-6.3
Nikon Minolta Canon
$249.99

AF 100-400 4.5-6.7
Nikon Minolta Canon
$259.99

283 FLASH SYSTEM
$69.99

285 FLASH SYSTEM
$79.99

TAMRON

AF 28-200 3.8-5.6
LD SUPER
Nikon D Minolta Canon Pentax
Popular Science Magazine "Best of What's New" Buying Cameras "Best Buy"
Includes a 6 Year USA Warranty
$249.99* After Rebate

AF 28-300 3.5-6.3
LD IF ASPHERICAL MACRO
Nikon D Minolta Canon Pentax
$499.99

AF 80-210 4.5-5.6
Nikon D Minolta Canon Pentax
$189.99

AF 24-70 3.3-5.6
ASPHERICAL
Nikon D Minolta Canon Pentax
$179.99

AF 70-300 4.0-5.6
LD
Nikon D Minolta Canon Pentax
$249.99

AF 90 2.8
MACRO
Nikon D Minolta Canon Pentax
$429.99

AF 200-400 5.6
LD IF
Nikon D Minolta & Canon
$539.99

AF 28 105 2.8
Nikon D Minolta & Canon
$799.99

COMPANY POLICY To order use Visa, Mastercard, American Express, Diners Club, Discover, Carte Blanche. COD orders welcomed or mail in Bank, Cashiers or Certified Checks. For Personal Checks and Money Orders please allow at least 4 weeks from the date we deposit your check. Call toll-free for shipping & handling charges. All merchandise is brand new. Exchange or refund less shipping & less 5% restocking fee within 21 days (7 Days for Video & Audio products) only if returned in original mint condition with carton, packing, papers and unfilled warranty cards. Quantities Limited. Pictures are for illustration only. Not responsible for typographical errors. Prices are Valid Until End of Monthlyissue, and are subject to verifiable Manufacturer's price changes. Call toll free. Sorry, No Dealers. We reserve the right to limit quantities. Rebates subject to Canon program. DCA# 0898874.

B&H
PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL:
800-947-9953
212-444-6653

OR FAX (24 HOURS):
800-947-7008
212-239-7770

WE WILL BE CLOSED MAY 21

On the Web: http://www.bhphotovideo.com

COLOR DIGITAL CAMERAS • COLOR DIGITAL CAMERAS

QUICK DIAL 5

OLYMPUS
D-340R

- 1280 x 960, 640 x 480 pixel Recording Modes
- Optical Viewfinder and 1.8" LCD Monitor
- SmartMedia memory card (Two 4 MB included)
- 5.5mm (35 Equiv.36mm) Lens
- 2x Digital Zoom
- NTSC Video Out • Serial port
- Auto Focus • Burst Mode
- Directly Connect To P300/P330 Printer • 5 x 2.6 x 1.8" • 9.6 oz.

Nikon
COOLPIX 700

- 1600 x 1200 & 640 x 480 pixel Recording Modes
- Optical Viewfinder & 1.8" LCD Monitor
- CompactFlash memory card (8 MB included)
- 6.8mm (35 Equiv.38mm) Lens
- 4-step Digital Zoom
- NTSC Video Out
- Serial port • Burst Mode
- Auto or Manual Focus
- 4.5 x 2.6 x 1.5" • 9 oz.

FUJIFILM
DX-10

- 1024 x 768, 640 x 480 pixel Recording Modes
- Optical Viewfinder & 1.8" LCD Monitor
- SmartMedia memory card
- 5.5mm (35 Equiv.40mm) Lens
- 1.6x Digital Zoom
- Serial port
- NTSC/PAL Video Out
- Auto Focus
- Burst Mode
- 4.3 x 3 x 1.3" • 7.1 oz

FUJIFILM
MX-600

- 1280 x 1024, & 640 x 480 pixel Recording Modes
- 3x Optical Zoom Viewfinder & 1.8" LCD Monitor
- SmartMedia memory card
- 2-step Digital Zoom
- 7.4-24mm (35 Equiv.35-105mm) Zoom Lens • Auto Focus
- Serial port • NTSC/PAL Video Out
- Aperture, Program • Burst Mode
- Ext. sync. flash Mode
- 4.8 x 3.3 x 2.4" • 11.6 oz.

OLYMPUS
D-500L

- 1024 x 768, 640 x 480 pixel Recording Modes
- TTL SLR 3x Optical Zoom Viewfinder & 1.8" LCD Monitor
- SmartMedia memory card (2 MB included)
- 9.2-28mm (35 Equiv.50-150mm) Zoom Lens • Serial port • Auto Focus
- Program, Manual compensation
- Directly Connect To P300/330 Printer
- 43mm Filt. diam. • Burst Mode
- 4.5 x 3.3 x 5.1" • 16.6 oz.

OLYMPUS
D-600L/D-620L

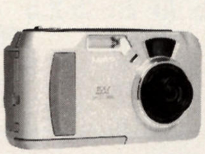
D-600L $599^95 w/FREE 8MB Flashcard

- 1280 x 1024, 640 x 512 pixel Recording Modes
- TTL SLR 3x Optical Zoom Viewfinder and 1.8" LCD Monitor
- SmartMedia memory card (4 & 8 MB incl.)
- 9.2-28mm (35 Equiv. 36-110mm) Zoom Lens • Serial port • Auto Focus
- Program, Manual compensation
- Directly Connect To P300/330 Printer
- 43mm Filt. diam.
- 4.5 x 3.3 x 5.1" • 16.6 oz.

D-620L Same as D-600L • SmartMedia memory card (8 MB included)
- Ext. sync. flash Mode • Burst Mode

SANYO
VPC-Z400

- 1280 x 960, 640 x 480 pixel Recording Modes
- 3x Optical Zoom Viewfinder and 2" LCD Monitor
- SmartMedia memory card (4 MB included)
- 5.6-15.6mm (35 Equiv.34-102mm) Zoom Lens • 6x Digital Zoom
- NTSC Video Out • Serial port
- Program, Manual compensation
- Auto Focus • Voice Over
- 5 x 2.2 x 2.8" • 10.6 oz.



MINOLTA
DIMAGE ZOOM 1500/1500 WIDE

- 1344 x 1008, 640 x 480 pixel Recording Modes
- 3x Optical Zoom Viewfinder and 2" LCD Monitor
- CompactFlash memory card (8 MB included)
- 7-21mm (35 Equiv.38-115mm) Zoom Lens • NTSC/PAL Video Out
- Serial port • Auto Focus
- Program, Manual compensation
- Ext. sync. flash Mode
- Burst Mode • Detachable Lens
- 5 x 2.7 x 2.3" • 10.9 oz.

MINOLTA DIMAGE 1500 WIDE
Same as 1500 zoom but with
- 5.2mm (35 Equiv.28mm) Lens
- 5 x 2.7 x 2.5" • 12 oz.

AGFA
ePHOTO 1680

- 1600 x 1200, 1280 x 1024, 640 x 480 pixel Recording Modes
- 3x Optical Zoom Viewfinder & 2" LCD Monitor
- SmartMedia memory card (4 MB included)
- 35 Equiv.38-114mm Zoom Lens
- 2x Digital Zoom • NTSC/PAL Video Out
- Serial port • Program, Manual compensation
- Auto or Manual Focus • Ext. sync. flash Mode • Rotating Lens
- 46mm Filt. diam. • 6.1 x 2 x 3.75" • 13.3 oz.

$779^95

Kodak
DIGITAL SCIENCE DC-260

$779^95

- 1536 x 1024, 1152 x 1068, 768 x 512 pixel Recording Modes
- 3x Optical Zoom Viewfinder and 2" LCD Monitor
- CompactFlash memory card (8 MB included) • 2x Digital Zoom
- 35 Equiv.38-115mm Zoom Lens
- NTSC/PAL Video Out • Serial/USB port
- Program, Manual compensation
- Auto Focus • Burst Mode
- Ext. sync. flash Mode • Albuming
- 4.6 x 4.2 x 2.2" • 19.4 oz.

OLYMPUS
D-400Z

- 1280 x 960, 640 x 480 pixel Recording Modes • 3x Optical Zoom Viewfinder and 1.8" LCD Monitor
- SmartMedia memory card (8 MB incl.)
- 5.4-16.2mm (35 Equiv.35-105mm) Zoom Lens • 2x Digital Zoom
- Program, Manual compensation
- NTSC Video Out • Serial port
- Auto Focus • Burst Mode
- Directly Connect To P300/330 Printer
- Includes FlashPath floppy disk adapter
- Protective lens barrier
- 4.5 x 3.3 x 1.8" • 9.5 oz.

OLYMPUS
C-2000

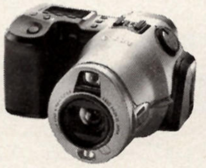
- 1600 x 1200, 1024 x 768, & 640 x 480 pixel Recording Modes
- 3x Optical Zoom Viewfinder and 1.8" LCD Monitor
- SmartMedia memory card (8 MB incl.)
- 6.5-19.5mm (35 Equiv.35-105mm) Zoom Lens
- 3-step Digital Zoom • Serial port
- Aperture, Shutter, Program, Manual compensation • Burst Mode
- Auto or Manual Focus • 43mm Filt. diam. • 4.2 x 2.9 x 2.6" • 10.7 oz.

Nikon
COOLPIX 950

- 1600 x 1200, 1024 x 768, & 640 x 480 pixel Recording Modes
- 3x Optical Zoom Viewfinder and 2" LCD Monitor
- CompactFlash memory card (8 MB included) • 7-21mm (35 Equiv. 38-115mm) Zoom Lens
- 4-step Digital Zoom • NTSC Video Out • Serial port • Burst Mode
- Aperture, Shutter, Program, Manual compensation • 28mm Filt. diam.
- Auto or Manual Focus
- 5.6 x 3 x 1.4" • 12.3 oz.

Canon
PowerShot Pro70

- 1536 x 1024, & 758 x 512 pixel Recording Modes
- 2.5x Optical Zoom Viewfinder and 2" LCD Monitor
- 2-CompactFlash memory card Slots (8 MB included)
- 6-15mm (35 Equiv.28-70mm) Zoom Lens • NTSC Video Out
- Serial port • Aperture, Program, Manual compensation • Auto Focus
- Burst Mode • Wave Format Recording
- Accepts Canon EX Speedlights
- 5.7 x 3.3 x 5.2" • 21 oz.



FUJIFILM
FUJIX DS-330

- 1280 x 1000, 640 x 480 pixel Recording Modes
- 3x Optical Zoom
- Type II PCMCIA memory card
- 35 Equiv.35-105mm Zoom Lens
- 2x Digital Zoom • NTSC Video Out
- Serial port (SCSI optional)
- Aperture, Shutter, Program, Manual compensation
- Auto or Manual Focus
- Hot Shoe for Ext. Flash
- 3.8 x 6 x 3.1" • 21.9 oz.

$1649^95

FOR A FREE MONTHLY CATALOG, CALL 800-947-6933, 212-444-6633 OR WRITE

VISA MasterCard DISCOVER NOVUS AMERICAN EXPRESS Cards

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

New Address:
420 Ninth Ave. (Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

QUICK DIAL 633

PENTAX
IQ ZOOM EZY-R

$89.95

- 38-70mm f/4.8-8.5 Zoom Lens • AF 2´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Bulb Sync • Center Weighted Metering • Backlight Compensation • 5.3 x 2.9 x 2.1˝ • Weighs 8.5 oz.

OLYMPUS
STYLUS EPIC

$89.95

- 35mm f/2.8 Fixed Lens • AF 1.1´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Center Weighted or Spot Metering • Weather Resistant • Multi Beam AF • 4.3 x 2.3 x 1.5˝ • Weighs 4.7 oz.

MINOLTA
FREEDOM ZOOM EXPLORER

$139.95

- 28-70mm f/3.5-8.4 Zoom Lens • 3 Beam AF 2´ to Infinity + Macro • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Center Weighted Metering, Continuous Drive, Landscape + Macro Mode • 4.7 x 2.6 x 1.7˝ • Weighs 8.5 oz.

YASHICA
T4 SUPER

$149.95

- 35mm f/3.5 Fixed Zeiss Lens • 3 Beam AF 1.2´ to Infinity • Auto Flash, Fill Flash, Flash Off, Red-Eye Reduction • Infinity Mode • Weatherproof • 4.7 x 2.5 x 1.6˝ • Weighs 6.7 oz.

OLYMPUS
STYLUS EPIC ZOOM 80

$169.95

- 38-80mm f/4.5-8.9 Zoom Lens • AF 2´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • 2 Zone Metering • Weather Resistant • Infinity Mode • 4.5x2.3x1.6˝ • Weighs 6.5 oz.

Nikon
ZOOM 800 QD

$199.95

- 38-130mm f/4.5-9.6 Zoom Lens • Multi AF, Spot AF, 3.3´ to Infinity • Auto Flash, Fill Flash, Flash Off, Red-Eye Reduction • Center Weighted Metering • Film Prewind Load, Portrait, Action, Landscape Mode • 5 x 2.8 x 2.1˝ • Weighs 10.4 oz.

Rollei
PREGO ZOOM 90

$209.95

- 28-90mm f/3.6-9.8 Schneider Zoom Lens • AF 1.5´ to Infinity, Zone Focus + Macro • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Fuzzy, Step, Portrait Zoom • Infinity • Focus Lock • 5.2 x 3 x 2.2˝ • 11.3 oz.

PENTAX
IQ ZOOM 105WR

Weather Resistant

$209.95

- 38-105mm f/4.5-11 Aspherical Zoom Lens • AF 2.1´ to Infinity • Auto Zoom Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Bulb • 5 Point Passive or Spot AF • Infinity • Panorama • 5.2 x 3 x 2.3˝ • Weighs 12 oz.

SAMSUNG
MAXIMA ZOOM 145 QD

$219.95

- 38-145mm f/3.7-10.95 Schneider Zoom Lens • Passive Multi or Spot AF 2´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Fuzzy, Portrait, Step Zoom, Interval, Snap Shooting • Panorama Mode • Infinity Mode • 5.3x3x2.5˝ • 12.3 oz.

Canon
SURE SHOT Z135

$239.95

- 38-135mm f/3.6-8.9 Zoom Lens • 3 Point AF, Spot AF, 1.3´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Exp. Compensation • Self Diagnosis Warning, Portrait, Macro, Motion/Silent Photomodes • 5.3 x 2.8 x 2.6˝ • Weighs 12.1 oz.

Rollei
PREGO ZOOM 115 DATE

$239.95

- 38-115mm f/3.9-10.7 Zoom Lens • AF 1.7´ to Infinity, Spot + Macro • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Fuzzy, Portrait Mode • Infinity Mode • Snap Mode • Data Back • 5 x 2.5 x 1.8˝ • Weighs 9.1 oz.

PENTAX
IQ ZOOM 140M

$249.95

- 38-140mm f/4.8-12 Aspherical Zoom Lens • AF 2.6' to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Bulb • 5 Point Passive or Spot AF • Infinity • Panorama • 4.5 x 2.6 x 2˝ • Weighs 8.3 oz.

OLYMPUS
STYLUS ZOOM 140

$259.95

- 38-140mm f/4-11 Zoom Lens • Passive AF 2´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • 3 Zone or Spot Metering • Weather Resistant • Adjustable Diopter • 4.7 x 2.6 x 2˝ • Weighs 9 oz.

OLYMPUS
IS-10 Q.D.

$279.95

- 28-110mm f/4.5-5.6 Aspherical Zoom Lens • AF 2.5´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction, Manual Setting • Fuzzy Logic, Center or Spot Metering • Aperture Priority or Program Modes • 4.8 x 3.5 x 4.3˝ • Weighs 21.7 oz.

PENTAX
IQ ZOOM 160

$299.95

- 38-160mm f/4.5-12 Aspherical Zoom Lens • AF 2.6´ to Infinity + Macro • Auto Zoom Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Bulb • 5 Point Passive or Spot AF • Infinity • Panorama • LCD Illumination • 5x2.9x2.3˝ • 11.1 oz.

PENTAX
IQ ZOOM 200

$349.95

- 48-200mm f/5.1-13 Aspherical Zoom Lens • AF 2.6´ to Infinity + Macro • Auto Zoom Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Bulb • 5 Point Passive or Spot AF • Infinity • Panorama • LCD Illumination • 5 x 2.9 x 3˝ • Weighs 12.2 oz.

RICOH®
GR-1

$349.95

- 28mm f/2.8 Fixed Lens • Multi AF or Spot Focus 1.1´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Program, Aperture Priority f/2.8-22 in 1/2 Stop • Snap Fixed Focus at 6.6´ • Exposure Mode and Shutter Speed Visibility in Viewfinder • 4.6 x 2.4 x 1˝ • Weighs 6.1 oz.

OLYMPUS
IS-3 DELUXE DATE

- 35-180mm f/4.5-5.6 ED Zoom Lens • AF or Power Focus 3.9´ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction, Manual Setting • Fuzzy Logic, Center or Spot Metering • Aperture, Shutter, Program, Manual Settings • 4.8 x 3.7 x 6.8˝ • Weighs 34 oz.

$449.95

MINOLTA
VECTIS 300

ADVANCED

$274.95

- 24-70mm f/5.7-9.8 Zoom Lens (35 equiv. 30-87mm) • AF 1.3´ to Infinity • Auto Flash, Fill Flash, Flash Off, Red-Eye Reduction, Night Portrait • Center Weighted Metering • 3 Title Printing • 3.8 x 2.4 x 1.3˝ • Weighs 7.6 oz.

Canon
ELPH 370Z

ADVANCED

$279.95

- 23-69mm f/4.5-9.9 Zoom Lens (35 equiv.. 29-86mm) • Active/Passive 3 Point AF, Spot-Off • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • 3.7 x 2.5 x 1.5˝ • Weighs 7.4 oz.

ALL ITEMS ARE COMPLETE WITH ALL ACCESSORIES AS SUPPLIED BY MANUFACTURER

B&H
PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL:
800-947-9953
212-444-6653

OR **FAX** (24 HOURS):
800-947-7008
212-239-7770

ONE HOUR FREE PARKING
AT 349 W. 34th STREET
(with purchase of $100 or more)

On the Web: http://www.bhphotovideo.com

QUICK DIAL 633

Nikon Advanced Systems Dealer

Nikon®

NEW REBATES
Effective 4-1-99

F-5

NEW! $250 Rebate from Nikon

- Ultra fast operation
- 5 selectable AF areas
- Dynamic automatic focus tracing
- 3D color matrix, center weighted or spot metering • 4 exp. modes
- Shutetr 1/8000 sec. to 30 sec.
- 4 film advance modes
- 5 segment TTL multi sensor for auto flash • Auto balance fill flash
- Interchangeable finders, screens, backs • Monitor pre flash
- Exclusive F5 photo manager software • 25 custom settings

CALL USA

NEW F5 Anniversary Model, In Stock

NEW!

F100

- 5 area AF system w/fastest AF
- 10 segment matrix sensor
- Multi-Cam 1300 AF sensor
- Dynamic AF and single area AF modes
- Shutter speed 1/8000-30 sec.
- 1/250 sec. X-sync
- 4.5 fps focus tracking w/lock-on
- 3D matrix, CW and 5 area spot metering
- 5-segment TTL flash sensor

Body Only **$1299⁹⁵** USA

F4s ....**Call**

N90s

NEW! $75 Rebate from Nikon

- Advanced Autofocus
- Focus tracking up to 4.1 fps
- 8 segment 3D matrix metering
- Center weighted & spot metering
- Matrix balanced fill flash
- 3D multi sensor balanced fill flash w/SB-28 and "D" lenses
- 1/8000 sec. top shutter speed
- 1/250 sec. flash sync-1/4000 w/SB-28 • 4.3 fps advance
- 6 exp. modes

CALL USA

N70

NEW! $30 Rebate from Nikon

- Auto focus tracking to 3.1 fps
- 8 segment 3D matrix meter
- Center weighted and spot meter
- Built-in 3D multi sensor balanced fill flash covers 28mm lens • 5 exp. modes
- High eyepoint viewfinder
- 1/4000 sec. top shutter speed w/1/125 sec. flash sync

CALL USA

N70 w/35-80/4-5.6 Lens $50 Rebate from Nikon

N60

- 6 segment 3D matrix meter
- Manual, aperture, shutter priority & auto-multi exposure modes
- 1/2000 sec. top shutter speed w/1/125 flash sync
- Built-in flash for fill, red-eye reduction and slow sync

Body Only **$299⁹⁵** USA

F3HP

- High eyepoint finder w/virtual 100% coverage
- Interchangeable finders, screens, backs & power sources
- Auto or manual exposure control
- Highly center weighted meter
- 1/2000 to 8 sec. shutter range
- Ultra-strong titanium shutter
- TTL flash control
- Metering as low as EV1

CALL

PRONEA-S

NEW!

APS Body
w/IX Nikkor 30-60/4-5.6............369.95
IX 20-60..................379.95 IX 24-70..................159.95
NEW! IX Nikkor 60-180/4.5-5.6..........................149.95

USA = Imported and warrantied by Nikon USA (AF lenses include a 1 year warranty plus 4 years extended service coverage)

IMP. = Imported & warrantied by B&H (not qualified for Nikon USA Rebates and Warranties)

NIKON LENSES

AF AIS LENSES

★ With Hood ◆ With case

	IMP.	USA		IMP.	USA
50/1.8 (52ø)	84.95	94.95	24-50/3.3-4.0	—	289.95
*◆300/4 ED IF (39ø)	799.95	899.95	35-135/3.5-4.5 (62ø)	CALL	469.95

D-TYPE AF NIKKOR LENSES

	IMP.	USA		IMP.	USA
*16/2.8D (39ø-CW)	604.95	729.95	28-70/3.5-4.5D (52ø)	289.95	309.95
18/2.8D (77ø)	1074.95	1264.95	28-80/3.5-5.6D (58ø)	—	159.95
20/2.8D (62ø)	399.95	434.95	**NEW!** 28-105/3.5-4.5 D	329.95	CALL
24/2.8D (52ø)	274.95	289.95	28-200/3.5-5.6D (72ø)	439.95	489.95
28/1.4D (72ø)	1299.95	1569.95	35-70/2.8D (62ø)	519.95	599.95
28/2.8D (52ø)	189.95	219.95	35-80/4-5.6D (52ø)	89.95	99.95
35/2.0 D (52ø)	249.95	279.95	35-105/3.5-4.5 D (52ø)	299.95	309.95
60/2.8D Micro (62ø) (1:1)	309.95	354.95	70-180/4.5-5.6 ED D Zoom Micro	789.95	964.95
50/1.4D (52ø)	234.95	249.95	70-210/4-5.6D (62ø)	249.95	289.95
85/1.4 "D" IF (77ø)	839.95	949.95	**NEW!** 70-300/4.0-5.6 ED D (62ø)	274.95	299.95
*85/1.8D (62ø)	309.95	359.95	80-200/2.8 w/ Tripod Collar	779.95	849.95
105/2.8D Micro (52ø) (1:1)	519.95	599.95	**NEW!** 80-200/2.8 AF"S" (77ø)	CALL	CALL
*105/2.0DC AF D (72ø)	759.95	849.95	**NEW!** 80-200/4.5-5.6D (52ø)	139.95	159.95
135/2.0 DC D (72ø)	879.95	984.95	**NEW!** 300/2.8 AF "S" (52ø-CW)	CALL	CALL
180ED IF/2.8D (72ø)	599.95	699.95	400/2.8 D AF (52ø-CW)	CALL	CALL
◆200/4D ED IF Micro (62ø)	1049.95	1249.95	**NEW!** 400/2.8 AF "S" (52ø-CW)	CALL	CALL
◆20-35/2.8D (77ø)	1399.95	1539.95	**NEW!** 500/4.0 AF "S" (52ø-CW)	CALL	CALL
NEW! 24-50/3.3-4.5D (62ø)	309.95	339.95	600/4.0 AF "S" (52ø-CW)	CALL	CALL
24-120/3.5-5.6D (72ø)	429.95	479.95			

MANUAL AIS LENSES

	IMP.	USA		IMP.	USA
*◆15/3.5 (39ø-CW)	1799.95	2069.00	120/4 Medical Nikkor (49ø)	CALL	CALL
*16/2.8 (39ø-CW)	749.95	839.95	LD-2 DC pack f/120mm Med	159.95	193.00
20/2.8 (62ø)	499.95	—	LA-2 AC unit f/120mm Med	249.95	—
24/2.0 (52ø)	619.95	749.95	*135/2 (72ø)	699.95	—
24/2.8 (52ø)	349.95	—	*135/2.8 (52ø)	329.95	CALL
28/2.0 (52ø)	599.95	649.95	*200/4 Micro (52ø)	649.95	849.95
28/2.8 (52ø)	334.95	—	*◆500/8 (82ø)	699.95	799.95
35/1.4 (52ø)	639.95	824.95	1000/11 (39ø-CW)	1529.95	1849.95
35/2.0 (52ø)	329.95	—	◆PC 28/3.5 (72ø)	869.95	1129.95
50/1.8 (52ø)	119.95	—	◆PC 35/2.8 (52ø)	579.95	734.95
50/1.4 (52ø)	269.95	—	28-85/3.5-4.5 (62ø)	519.95	—
50/1.2 (52ø)	399.95	499.95	35-70/3.3-4.5 Macro (52ø)	249.95	—
55/2.8 Micro (52ø)	259.95	334.95	35-105/3.5-4.5 (52ø)	369.95	—
58/1.2 NOCT (52ø)	1599.95	1699.95	35-135/3.5-4.5 (62ø)	539.95	—
*85/1.4 (72ø)	839.95	CALL	35-200/3.5-4.5 Macro (62ø)	859.95	939.95
*105/2.5 (52ø)	324.95	379.95	100-300/5.6 (62ø)	599.95	—
*105/2.8 Micro (52ø)	579.95	—			

NIKON "ED" LENSES

	IMP.	USA		IMP.	USA
*180/2.8 (72ø)	799.95	—	*◆500/4P (39ø)	4499.95	5139.00
*300/4.5 (72ø)	1029.95	—	600/4.0 (52ø-CW)	CALL	—
*◆400/2.8 (52ø)	6699.00	7199.00	*◆800/5.6 (52ø)	5999.00	6399.00
*◆400/3.5 (122/39ø))	4499.00	4755.00	◆50-300/4.5 (95ø)	2999.00	3199.00
*◆400/5.6 (72ø)	2149.00	—			

TELECONVERTERS

	IMP.	USA		IMP.	USA
TC-14E (1.4x)	434.95	529.00	TC-14A (1.4x)	259.95	299.95
TC-20E (2x)	459.95	594.95	TC-301 (2x)	479.95	629.95
TC-201 (2x)	244.95	299.95	TC-14B (1.4x)	499.95	624.95

MANUAL FOCUS CAMERAS

	IMP.	USA
FM-2	384.95	459.95
FM-2 Black	409.95	499.95
FM-10 w/35-70 & Case	219.95	239.95
FE-10 w/35-70 & Case	269.95	—
F-3 High Eye Point	CALL	

NIKON FINDERS

	IMP.	USA
DA-2 Action Finder (F3)	349.95	479.95
DW-3 Waist Level (F3)	89.95	119.95
DW-4 High Mag. Finder 6x (F3)	184.95	304.95
DE-3 High eyepoint (F3)	199.95	299.95
DR-3 Right angle	109.95	145.95
DG-2 2x magnifier	39.95	59.00
DW-20 Waist level (F4)	184.95	226.95
DW-30 Waist level (F5)	209.95	239.95
DA-20 Action finder (F4)	609.95	799.95
DA-30 Action finder (F5)	829.95	999.95
DP-20 Multi-meter (F4)	489.95	514.95
DP-30 Multi-meter (F5)	379.95	419.95
DW-21 High Mag. 6x (F4)	339.95	399.95
DW-31 High Mag. 6x (F5)	309.95	399.95

FINDER ACCESSORIES

Focusing Screens for 8008s, N90, F3.......28.95
f/FM-2, FE-2, FA.......23.50
"K" Screen (F2) or "B" Screen (F2020).....24.95
Focusing Screens f/F4..39.95 Diopters ..16.95

BEATTIE SCREENS

8008, 8008s, N90.......64.95
F2.......87.95 F3.......84.95
F4.......92.95 FE2, FM2.......59.95

NIKON FILTERS

	39mm	52mm	62mm	72mm	77mm
L37C	22.95	22.95	31.95	52.95	64.95
L1BC	24.95	23.95	34.95	54.95	-
Color	24.95	22.95	34.95	42.95	59.95
ND	32.95	24.95	-	—	-
Soft Focus	–	53.95	74.95	99.95	-
Circ. Pola	–	59.95	85.95	124.95	139.95
		82mm	95mm		122mm
L37C		84.95	114.95		149.95
Color		—	—		99.95

Gel Holder AF-1 52ø.....34.95 AF-2 72ø...54.95
CA-1 52mm Filter Pouch.......19.95

DATA BACKS

	IMP.	USA
MF-14 (F3)	199.95	214.95
MF-16 (FM2)	199.95	234.95
MF-18 (F3)	229.95	249.95
MF-19	219.95	259.95
MF-22 (F4)	109.95	129.95
MF-23 (F4)	319.95	349.95
MF-25 (N90s)	CALL	CALL
MF-26 (N90s)	CALL	CALL
MF-27, MF-28	CALL	CALL
MF-4 250 Exp. Back (F3)	1039.95	1139.95
250 Exposure Cassette	54.95	
Bulk Film Loader	259.95	

NPC POLAROID BACKS

FE2, FM2	749.95	F3	644.95
F3 w/MD-4	729.95	F4	729.95
8008, 8008s	759.95	N90	779.95

NIKON FLASH SYSTEM

	IMP.	USA
SB-14	CALL	CALL
SB-16A	284.95	334.95
SB-16B	264.95	313.00
SB-17	179.95	—
SB-21A	409.95	449.95
SB-21B	389.95	464.95
SB-23	89.95	121.95
SB-27	179.95	254.95
SB-28	CALL	CALL
NEW! SB-22S	119.95	144.95

Ikelite, Vivitar, Sunpak
Wireless TTL Slave Sensor................ea. **119.95**

NIKON FLASH ACCESSORIES

AS-1,2,3	26.95	AS-5	29.95
AS-4	27.95	AS-6	39.95
AS-7	74.95	AS-8	159.95
AS-9	109.95	AS-10,11	36.95
AS-12,14	249.95	AS-15	17.95
SC-14	53.95	SC-17	53.95
SC-15	19.95	SC-24	54.95
SC-18	29.95	SC-19	34.95
SC-23	119.95	SD-7	124.95
SD-8A	114.95	UR-3	24.95
SK-6 IMP	239.95	SK-6 USA	264.95
SU-4	79.95	SK-7	19.95

NIKON SCHOOL VIDEO TAPES

- N50 • N70 • N6006 • N90/N90s • N8008s
- PRONEA 6I • F4 • F5 • SB-25/26
- The Essence of Light.......................Ea. **24.95**

CASES AND STRAPS

CL-13 A	17.95	CL-30, 31, 34	26.95
CL-32, 33	31.95	CL-15, 35, 38, 41	34.95
CL-17, 36, 40	46.95	NS-1, NS-8	12.95
AN-1, AN-4B, AN-4Y, NS-5			14.95
AN-6 Y or AN-6 W			23.95
AH-4 SLR Leather Handgrip			44.95
CF-34 Camera/Lens Utility Case			109.95
CF-39L f/8008	39.95	CF-40 f/8008	39.95
CF-50			39.95
CS-15 Leather Soft Case F-3			59.95

NIKON HOODS

HR-1,2	12.95	HB-1,3,4,5,6	16.95
HN-1, 2, 3, 9			14.95
HN-12, HK-2, 11, HS-12			24.95
HN-22, 23, 24			21.95
HS-7,9,10,11,14			23.95
HK-14, 15, 16			31.95
HB-7, 8, HN-13, HN-28			29.95
HN-26			32.95

ACCESSORIES

AC-2E Data Link System f/N90s.......74.95
Photo Secretary N-90.......184.95
Photo Secretary F-5.......249.95
Vestrap M/L/X-L Tan or Green.......94.95

	IMP.	USA
MB-10 Vertical Grip f/N90	129.95	144.95
NB-100 Nicad Batt. f/MB-10	49.95	
NB-100 Nicad Batt. w/NC-100 Charger f/MB-10	**99.95**	
NC-100 Charger f/Nicad NB-100	79.95	

MOTOR DRIVE SYSTEM

SUPER SPECIAL!
- 1 MB-23 Battery Pack for F4s
- 2 MN-20 Nicad Packs for MB-23
- 1 MH-20 Nicad Charger f/MN-20

All For Only $199⁹⁵ (Over $350 Value)

	IMP.	USA
MD-4 f/F-3	389.95	479.95
MD-12 f/FM, FM-2, FE, FE-2, FA	289.95	394.95
MH-2 Charger f/MN-2	129.95	198.00
ML-2 Modulite Remote Control Set	309.95	344.95
ML-3 Mod. Cont. Set f/N90s	139.95	164.95
MW-2 Wireless Remote Control Set	1599.00	1699.95
MT-2 Intervalometer	599.95	
MC-20 Remote Cord w/Timer	84.95	104.95
MB-23 6-AA Batt. Pack f/F-4s	119.95	149.95
MH-20 Charger f/MN-20	69.95	99.95
DB-5 Cold Battery Pack f/8008s	89.95	99.95
DB-6 External Battery Pack	199.95	229.95
MB-21 Std. Batt. Pack f/F-4s	149.95	
MB-22 Ext. Power Regulator f/F-4s	89.95	
DB-2, 4 Cold Battery Pack	51.95	

Winder f/FE-2, FM-2, FA	59.95
MN-2 NiCad battery f/MD-4	109.95
MF-6B Auto film stop back f/F-3	99.95
MK-1 Firing rate converter f/MD-4	119.95
MC-10, MC-11 10' remote release	37.95
MC-4A Remote cord with plugs	34.95
MC-22 Remote cord with plugs	49.95
MC-25 Adapter Cord	59.95
MC-26 Adapter Cord	49.95
MC-27 Adapter Cord	49.95
MC-30 Remote Cord	54.95
MC-12B remote release	49.95
MR-3 MD-4 release adapter	34.95
AH-3 Tripod mount adapter	29.95
AP-2 Panorama Head	109.95
MB-20 4-AA pack f/F-4s	49.95
MN-20 NiCad pack f/MB-23	79.95

MACRO SYSTEM

PN-11 Extension ring	96.95
PK-11A 8mm extension tube	57.95
PK-12 14mm extension tube	57.95
PK-13 27.5mm extension tube	59.95
PB-6 Bellows	219.95
PS-6 MTD slide adapter	134.95
PB-6D Bellows spacer	52.95
PB-6E Extension bellows	159.95
PB-6M Macro copy stand	42.95
AR-4, AR-7 Double cable release	42.95
AR-10 Double cable release	64.95
PG-2 Focusing stage	159.95
PF-4 Repro copy kit	649.95
BR-2/2A Lens reversing ring 52	19.95
BR-3 Filter adapter ring	19.95
BR-5 62/52 adapter ring	21.95
BR-6 Auto diaphragm ring	49.95
52mm Close-up Lens #0, 1, 2, 3T, 4T, ea	32.95
62mm Close-up Lens #5T, 6T, ea	42.95

14-DAY CUSTOMER SATISFACTION GUARANTEE ON PHOTO EQUIPMENT

VIDEO and PRO AUDIO

VISA MasterCard DISCOVER NOVUS AMERICAN EXPRESS Cards

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

New Address:
420 Ninth Ave. (Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

Canon

NEW REBATES
Thru 6-30-99

QUICK DIAL 633

$150 Rebate thru 6-30-99

EOS-1N

- 5-point autofocus with choice of automatic or real-time focusing point selection
- Choice of 5 metering patterns from 16-zone evaluative to 2.3% fine spot metering
- 3 fps advance, 6 fps with power drive booster • 1/250 sec. flash sync
- 1/8000 sec. shutter speed
- Enhanced triple-zone TTL flash sensor plus built-in flash exposure compensation control
- 14 custom functions including mirror lock
- Silent rewind

CALL

EOS 1N-RS $150 Rebate thru 6-30-99

NEW!

EOS-3

- 45-point AF, 21-zone evaluative metering & eye controlled focus
- Ultra high speed predictive AF up to 7 fps with optional power drive booster PB-E2
- Sophisticated E-TTL flash exp. system with optional EX-series speedlites
- 18 custom functions incl. mirror lock and silent rewind
- Fully compatible with EF lenses and EOS speedlites

Body **$1399.95**

EOS A2/A2E

- 5-point autofocus
- Eye-controlled focus (A2E only)
- 5 fps motor drive with 3 shooting speeds, silent or high speed rewind
- Fast 1/8000 sec. shutter speed
- 11 exp. modes • Auto bracketing
- 3-metering patterns
- Auto zoom flash • 1/200 sync
- 16 custom function controls

A2..............................**CALL**
A2E............................**CALL**

$30 Rebate thru 6-30-99

EOS ELAN II/IIE

- Built-in retractable flash 3 point autofocus • 11 custom functions
- Eye controlled focus works in horizontal & vertical (IIE only)
- 2.5 fps whisper motor drive
- 10 exposure modes
- E TTl evaluating flash metering w/380EX flash

CALL

ADVANCED

EOS-IX KIT

- 24-85/3.5-4.5 USM lens
- 3 AF modes plus manual
- Choice of 6 zone, center weighted or spot (6.5%) metering
- 5 auto exposure modes plus manual
- 5 image control programmed modes
- 3 mode TTL flash metering
- Reads & writes IX data
- Accepts EF lenses

CALL

EOS-IX APS Body.............**CALL**

EOS-IX LITE APS Body..........................**CALL**
EOS-IX LITE w/22-55/4-5.6 Kit...........**CALL**

EOS REBEL G

- 3-point AF system with AI Focus
- Exclusive AIM (advanced integrated multi-point control system)
- Supports advanced flash system features including E-TTL, FE lock and high speed synchro mode with optional Speedlites 380EX & 220EX
- 11 exposure modes including 5 programmed image control modes

Body **$239.95**

NEW!
EOS Rebel 2000
Body..............................**259.95**

EOS OUTFITS

Rebel G

Rebel G with 35-80mm f/4-5.6 lens, wide strap and Battery
$309.95

Rebel 2000

NEW!

Rebel 2000 with 28-80mm f/3.5-5.6 USM lens, wide strap and Battery
CALL

Elan II/IIE

$50 Rebate thru 6-30-99

Elan II/IIE w/28-80mm f/3.5-5.6 USM lens, wide strap and 6v battery
CALL

A-2

A-2 with 28-105mm f/3.5-4.5 USM lens, pro strap and 6v battery
CALL

A-2E

A-2E with 28-105mm f/3.5-4.5 USM lens, pro strap and 6v battery
CALL

NEW! CANON USA REBATES

Thru 6-30-99

28-80/3.5-5.6 IV USM	149.95	Less $20 Rebate	Final Cost 129.95
17-35/2.8 USM L	1339.00	Less $100 Rebate	Final Cost 1239.00
28-70/2.8 USM L	1209.00	Less $100 Rebate	Final Cost 1109.00
70-200/2.8 USM L	1309.00	Less $100 Rebate	Final Cost 1209.00

EOS EF LENSES

*Price After Rebate	IMP.	USA
15/2.8	599.95	689.95
20/2.8 USM (72ø)	409.95	474.95
24/2.8 (58ø)	319.95	339.95
28/2.8 (52ø)	174.95	209.95
28/1.8 USM (58ø)	389.95	439.95
35/2 (52ø)	249.95	299.95
50/1.8 (52ø)	74.95	84.95
50/1.4 USM (58ø)	314.95	349.95
85/1.8 USM (58ø)	319.95	369.95
50/2.5 Macro (52ø)	269.95	319.95
1:1 Life Size Converter /50 2.5	179.95	229.95
100/2.8 Macro (1:1) (52ø)	509.95	579.95
100/2 USM (58ø)	399.95	449.95
135/2.8 w/soft focus (52ø)	319.95	379.95

	IMP.	USA
20-35/3.5-4.5 USM (77ø)	389.95	409.95
22-55/4.0-5.6 USM (58ø)	149.95	149.95
24-85/3.5-4.5 USM (67ø)	289.95	369.95
28-80/3.5-5.6 (58ø)	99.95	114.95
28-80/3.5-5.6 IV USM (58ø)	124.95	*129.95
28-105/3.5-4.5 USM (58ø)	219.95	279.95
28-135/3.5-5.6 "IS" USM (72ø)	479.95	489.95
35-80/4-5.6 USM (52ø)	99.95	119.95
35-80/4.0-5.6 III (52ø)	79.95	89.95
55-200/4.5-5.6 USM (52ø)	—	199.95
75-300/4.0-5.6 II (58ø)	164.95	179.95
75-300/4.0-5.6 USM (58ø)	189.95	214.95
75-300/4.0-5.6 USM "IS" (58ø)	484.95	499.95
80-200/4.5-5.6 II (52ø)	109.95	124.95
100-300 4.5-5.6 USM (58ø)	269.95	294.95

EF "L" LENSES w/Case & Hood

*Price After Rebate	IMP.	USA
14/2.8 USM	1999.95	2179.00
24/1.4 (77ø)	1289.95	1329.00
NEW! 35/1.4 USM (72ø)	—	1399.00
50/1.0 USM (72ø)	2099.00	2529.00
85/1.2 USM (72ø)	1449.95	1879.00
135/2.0 USM (52ø)	849.95	989.00
180/3.5 Macro USM (72ø)	1289.95	1379.95
200/1.8 USM (48ø)	3799.00	4259.00
200/2.8 USM (72ø)	669.95	734.95
300/2.8 USM (48ø)	3799.95	4259.00
300/4 USM (77ø)	929.95	1039.00
300/4.0 IS (77ø)	1199.95	1419.00

	IMP.	USA
400/2.8 (48ø)	6249.95	7229.00
400/5.6 USM (77ø)	1099.95	1389.00
500/4.5 USM (48ø)	5099.95	5549.95
600/4 USM (48ø)	7799.00	8809.00
17-35/2.8 USM (77ø)	1099.95	*1239.00
28-70/2.8 USM (77ø)	1049.95	*1109.00
35-350/3.5-5.6 USM (72ø)	1529.95	1769.00
70-200/2.8 USM (77ø)	1179.95	*1209.00
100-300/5.6 (58ø)	539.95	599.95
NEW! 100-400/4.5-5.6 "IS" (77ø)	—	1699.00
Extender 1.4X APO	339.95	379.95
Extender 2X APO	279.95	309.95

MANUAL FOCUS

	IMP.	USA
24/3.5L Tilt-Shift (72ø)	1124.95	1309.00
45/2.8 Tilt-Shift (72ø)	1099.95	1309.00
90/2.8 Tilt-Shift (58ø)	1099.95	1269.95

USA = Imported and warrantied by Canon USA
IMP. = Imported & warrantied by B&H
(not qualified for Canon USA Rebates and Warranties)

EOS FLASH SYSTEM

	IMP.	USA
200E	—	49.95
220EX	112.95	129.95
380EX	144.95	169.95
540 EZ	264.95	309.00
NEW! 550 EX	—	499.00
480EG Grip Style Flash	489.95	509.95
Ikelite, Vivitar, Sunpak Wireless TTL Slave Sensor		ea. 119.95
Compact Battery Pack E		99.95
Transis Pack E		119.95
Transistor Pack w/nicad Pack E		224.95
ST-E2 Transmitter		199.95
ML-3 Macro Ring light		249.95
TTL Hot Shoe adapter #3		59.95
TTL Distributor		44.95
Off Camera Shoe Adapter OA-2		27.95
Off Camera Shoe Cord 2		47.95
Connecting Cord 60		35.95
Connecting Cord 300		41.95

CASES

B12, B15	19.95
LH B24, C24	22.95
Canon Case f/EOS-1n	74.95
Canon EOS Case f/630-RT	39.95
Canon Case f/Elan II	49.95
Canon Case f/A-2, A-2E	54.95

FILTERS

	52mm	58mm	72mm	77mm
UV-Sky	10.95	12.95	27.95	34.95
ND Color	12.95	14.95	29.95	—
Cir. Pol.	59.95	69.95	84.95	99.95
Softmat	34.95	36.95	—	—
240	49.95	—	—	—
250D	69.00	82.95	—	—
450	49.95	—	—	—
500	34.95	39.95	59.95	69.95
500D	69.00	82.95	115.00	134.95

EOS ACCESSORIES

NPC Polaroid Back for 620	714.95
NPC Polaroid Back for 630	714.95
NPC Polaroid Back for RT	714.95
Extension Tube EF-12	69.95
Extension Tube EF-25	109.95
Canon Macro Book	17.95
Macro Lens Mount FD to EOS	69.95
VG-10 V Grip	79.95
GR-20 Grip w/Remote Socket	29.95
GR-80 TP Grip	33.95
BP-5 Battery Pack F/A2-A2E	49.95
BP-8 Battery Pack F/Rebel G	29.95
Focusing Screens	ea. 19.95
Diopters	11.95
Diopters for Elan II	26.95
Screens for A2	26.95
Beattie Screens for A2	66.95
Beattie Screens for A2E	66.95
Beattie Screens for 620, 630	64.95
Beattie Screens for RT	64.95

EOS-1 & EOS-3 ACCESSORIES

NPC Polaroid Back f/EOS-1	719.95
NPC Polaroid Back f/EOS-1 w/Booster	769.95
Focusing Screen	29.95
Command Back E1	189.95
Battery Pack BP-E1	124.95
Power Drive Booster E1	279.95
NEW! Power Drive Booster BP-E2 f/EOS-3	449.00
Nicad Pack E-1 f/Booster	76.95
NEW! Nicad Pack NP-E2 f/BP-E2	139.95
Charger f/Nicad Pack E-1	254.95
NEW! Charger NC-E2 f/BP-E2	329.95
Strap For Booster or VG-10 Grip	21.95
EC-R Laser-Matte Screen	54.95

LENS HOODS

ES-62, ES-71-II, EW-60B, EW-60C	20.95
ET-60, ET-62-II, EW-65-II, ET-65-III	19.95
EW-54-II, EW-60-II, EW-62, EW-63-II	19.95
EW-68A,B, EW83-II	25.95
EW-75-II	38.95

MACRO & MOTOR DRIVES

Ext. Tube FD 15 w/case	79.95
FD 25 w/c 69.95 FD 50 w/c	79.95
Auto Bellows w/Cable Release	229.95
Duplicator 35-52 R Kit	99.95
Double Cable Release	29.95
Extension tube M-20	15.95
20/3.5 Macro 174.95 35/2.8 Macro	199.95
Angle Finder B w/Adapter S	79.95
Angle Finder Adapter f/A2	17.95
Angle Finder Adapter f/A2E	17.95
Magnifier R or S 36.95 LC-3 Set	289.95
Winder for "A" Series	49.95
Remote Switch 60T3	31.95
Synchro Cord A	9.95

LENS HOODS

BT-52B, BW-58C	19.95
BT-72	29.95

MANUAL FD LENSES

*w/Lens Hood

7.5/5.6 Fisheye	1299.95
15/2.8	1099.95
17/4 (72ø)	499.95
24/2.0	599.95
35/2.0 (52ø)	459.95
35/2.8 Tilt Shift (58ø)	1299.95
50/1.4 (52ø)	119.95
50/3.5 Macro	439.95
100/4.0 Macro	749.95
135/2.8 (52ø)	119.95
*500/8.0 w/case & Filter (34ø)	299.95
50-135/3.5 (58ø)	199.95
2x Type A Extender FD	249.95

"L" LENSES

24/1.4 L (72ø)	1449.95
300/4.0 L w/Filter (34ø)	1379.95
500/4.5 L (48ø)	4999.00
800/5.6 L	5299.00
20-35/3.5 L w/BW-72 Hood (72ø)	1149.95

F1-N SYSTEM

AE Finder FN	269.95
NPC Polaroid Back	724.95
FN Focusing Screens AE, AM, PC, PM	ea. 94.95
Diopters	10.95

CORPORATE ACCOUNTS WELCOME

B&H
PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL:
800-947-9953
212-444-6653

OR **FAX** (24 HOURS):
800-947-7008
212-239-7770

Store & Mail Order Hours:
Sunday 10-5
Monday thru Thursday 9-7
Friday 9-2 • Saturday Closed

On the Web: http://www.bhphotovideo.com

QUICK DIAL 633

PENTAX

PZ-1P

- Predictive AF
- 8 metering zones
- 6 exposure modes
- Power zoom lens control
- Built-in variable output TTL flash with 4 flash modes
- 1/8000 top shutter speed
- Up to 1/250 sec. flash sync
- All mode spot meter
- Panorama image mode
- 8 drive modes including exposure bracketing
- 4 fps film advance

Body Only **$509.95**

ZX-50

- Multi-segment metering
- Five picture modes
- Four exposure modes
- 1/2000 to 30 sec. shutter speed
- Predictive autofocus
- "Smart Flash" with red eye reduction
- Full information viewfinder
- Exposure compensation (+ or -3)
- Manual ISO override • Self timer

Body Only **$199.95**

ZX-5N

- 3-point AF system w/predictive AF
- 6 segment, center or spot metering
- 5 exposure modes
- 1/2000 sec. shutter speed
- 3-speed power zoom lens control
- 1.8 fps advance • Panorama mode
- Electronic preview • Auto bracketing (up to +/- 1EV) • Exposure memory lock
- Built-in flash w/TTL, manual & program modes **CALL**

ZX-10

- 3-point phase matching AF with predictive AF
- 6 segment, multi-pattern metering
- 5 exposure modes
- 1/2000 sec. shutter speed
- 3-speed power zoom lens control
- 1.8 fps advance • TTL flash

Body Only **CALL**

ZX-M

- Super compact manual focus SLR
- Manual or auto film speed setting
- Choice of metered manual, program, aperture priority or shutter priority exposure modes
- Multi-pattern metering
- Easy film loading • 2 fps film advance
- Electronic depth of field preview
- Exposure compensation, memory lock
- Electronic self timer

Body Only **$154.95**
ZX-M with 50/2.0 **$199.95**
ZX-M with 35-80A **$244.95**

PENTAX "FA" AUTO FOCUS LENSES

★ With Hood ◆ With case

20/2.8 (67ø)	539.95	◆100/2.8 M	539.95	*28-70/2.8 FA	1079.95
24/2 AL	399.95	100/3.5 Macro	199.95	**NEW!** 28-80/3.5-5.6 (58ø)	CALL
28/2.8 (49ø)	234.95	*◆200/2.8 ED	1069.95	28-105/4-5.6 (58ø)	324.95
43/1.9 FA 449.95 50/1.7	139.95	*135/2.8 IF	349.95	28-200/3.8-5.6 AL "IF" (72ø)	249.95
50/1.4 (49ø)	184.95	*◆300/4.5 ED (67ø)	779.95	70-200/4-5.6 (49ø)	249.95
◆50/2.8 Macro	349.95	400/5.6 EDIF FA	1449.95	*◆80-200/2.8 FA (77ø)	1674.95
85/2.8 Soft Focus (52ø)	399.95	20-35/4.0 AL	499.95	80-320/4.5-5.6 FA (58ø)	249.95
*◆85/1.4 (67ø)	779.95	28-70/4.0 AL	179.95	100-300/4.5-5.6 (58ø)	349.95

"F" AUTO FOCUS LENSES

Pentax 17-28/3.5-4.5 Fisheye Zoom	409.95	Pentax 80-200/4.7-5.6 F (49ø)	129.95
Pentax 35-80/4.0-5.6 F (49ø)	89.95	100-300/4.5-5.6 F (58ø)	184.95

"A" LENSES

Pentax 35-80 A 4.0-5.6 (49ø)	89.95
Pentax 80-200 A 4.7-5.6 (49ø)	114.95

FLASHES

AF-220T	49.95	AF-400T Kit 399.95 AF-330 FTZ	159.95
AF-201SA	39.95	AF-500-FTZ	284.95
AF-200SA	79.95	AF-140C Macro	379.95
AF-280T	154.95	TR-Power Pack II	119.95

GENERAL ACCESSORIES

Winder for "M" Series Super Program	49.95	Magnifier F, FB	49.95
Auto Bellows A	324.95	Cable Switch F	29.95
Slide Copier A	119.95	5P Sync Cord	24.95
Macro Focus Rail III	154.95	F5PL Sync Cord	49.95
Auto Ext. Tube Set B	179.95	Hotshoe Adapter F	24.95
Data Back (Specify)	CALL	49 or 52 Circ. Polarizer	64.95
Beattie Screens f/PZ-1	64.95	58 Circular Polarizer	79.95

QUICK DIAL 633

MINOLTA

NEW!

MAXXUM 9

- Advanced viewfinder
- Newely developed acute matte screens • 5.5 fps motor wind
- High speed shutter down to 1/12000 sec. and flash sync speed of 1/300 sec.
- 4-segment flash metering and pre-flash metering
- 21 custom functions
- Mid reload of film to a certain frame number • Built-in flash
- Optional data memory back stores info on 2MB removable Smart Media card

Body Only **$1499.00**

BEST BUY
Maxxum 400si Series

400si

- Fully automatic program mode
- A/S/M modes
- 5 subject program selection
- Continuous predictive autofocuing and 8-segment metering
- Built-in flash w/red eye reduction,fill flash, slow sync plus wireles remote flash control

Body Only **$259.95**

300si.... Body Only **214.95**
500si........ Body Only **CALL**

NEW!

HTsi PLUS

- 3-point crosscut autofocusing
- High speed 1/4000 sec. shutter
- 14-segment honeycomb pattern metering • Wireless off-camera TTL flash control
- Continuous film advance at 2 fps
- Full auto mode, subject program selection, plus aperture, shutter priority and manual exp. control

Body Only **$274.95**

XTsi

- 3-point crosscut autofocusing
- 14-segment honeycomb-pattern exposure metering
- 1/4000 sec. shutter speed
- 1/125 sec. flash sync
- Continuous film advance at 2 fps
- Eye-start automation
- Mid-roll panorama switchover

Body Only **$349.95**

XTsI w/28-80 Lens ..**439.95**

800si

- World's most powerful, built-in zoom flash
- Continuous, predictive autofocusing with four AF sensors
- 14-segment honeycomb-pattern metering
- Built-in, intelligent card functions no C.E. Cards required
- Multiple memory function
- PC terminal for studio strobes

Body Only **$639.95**

X-700

- Choice of 3 exposure modes, full auto program, aperture priority or manual
- Programmed auto flash metering
- Auto exposure lock
- Slow shutter audible warning

Body Only **$239.95**

X-370s

- Aperture priority
- Auto exposure w/AE lock
- Metered manual exp. control
- TTL center-weighted metering

Body Only **$149.95**

MINOLTA AF LENSES

★ With Hood ◆ With case

*16/2.8	779.95
20/2.8 (72ø)	569.95
24/2.8 (55ø)	359.95
28/2.0 (55ø)	569.95
28/2.8 (49ø)	204.95
*35/2.0 (55ø)	299.95
50/1.7 (49ø)	79.95
50/1.4 (49ø)	249.95
*85/1.4 (72ø)	669.95
*100/2.8 Soft Focus (55ø)	639.95
*500/8 Reflex	529.95
17-35/3.5 (77ø)	1599.95
20-35/3.5 (72ø)	479.95
*◆28-70/2.8 "i" (72ø)	999.95
*24-85/3.5-4.5 "i" (62ø)	424.95
28-80/3.5-5.6 (62ø)	129.95
*28-85/3.5-4.5 "i" (55ø)	314.95
*28-105/3.5 4.5 (62ø)	324.95
35-70/3.5-4.5 (49ø)	69.95
*70-210/4.5-5.6 (49ø)	129.95
*75-300/4.5 5.6 (55ø)	199.95
*75-300/4.5 5.6 II	189.95

APO LENSES

*200/2.8 APO w/Filter (72ø-CW)	899.95
*◆300/2.8 APO w/Filter	3999.00
*◆300/4.0 APO w/Filter	999.00
400/4.5 APO (42ø)	1899.95
*◆600/4 APO w/Filter	7499.95
80-200/2.8 APO Super H.S. (72ø)	1249.95
*100-300/4.5-5.6 APO (55ø)	449.95
NEW! 100-400/4.5-6.7 APO (72ø)	699.95
◆1.4X APO 374.95 ◆2X APO	399.95

MACRO LENSES

50/3.5 Macro (55ø)	224.95
50/2.8 (55ø) 374.95 100/2.8 (55ø)	599.95
AF 3X-1X Macro Zoom (GB 46ø)	1799.95

XI LENSES

*28-105/3.5-4.5 xi (62ø)	219.95
*100-300/4.5-5.6 xi (55ø)	219.95

MOTOR DRIVES

MD-1	249.95
Auto Winder G	159.95

APS

S1 Body	199.95
S1 Body with 28-56 Kit	289.95
50-3.5 Macro (same as 35mm 62.5)	249.95
22-80/4-5.6 (same as 35mm 28-100)	259.95
25-150/4.5-6.3 (55ø)	279.95
28-56/4-5.6 (same as 35mm 35-70)	84.95
56-170/4.5-5.6 (same as 35mm 70-210)	159.95
80-240/4.5-5.6 (same as 35mm 100-300)	399.95

MANUAL MD LENSES

24/2.8 (49ø)	349.95	28/2 (49ø)	589.95
28/2.8 (49ø)	154.95	50/1.7 (49ø)	72.95
*135/2.8 (55ø)	154.95	*◆24-50/4 (72ø)	449.95

28-70/3.5	119.95
35-70/3.5-4.8	104.95
70-210/4.5	171.95
100-300/5.6-6.7	229.95
2X-L	299.95
◆50 3.5 Macro w/tube & case (55ø)	299.95
◆100 4.0 Macro w/tube & case (55ø)	599.95

FLASH SYSTEM

280 PX	124.95
Power Grip II Set (280/360 PX)	219.95

MAXXUM FLASH SYSTEM

2000 xi	69.95	5400 H.S.	309.95
3500 xi	149.95	SF-1 Flash	109.95

1200AF-N Macro Flash w/case	289.95

ACCESSORIES

EP-1 Set Ext. Batt. Pack	139.95
Minolta (4) Nicad AA & charger	44.95
Bounce Reflector (280 PX, 4000 AF)	29.95

Bounce Reflector 3, 4 (5200)	34.95		
TC-1000 Triple Connector	46.95		
Off-Camera Shoe	36.95		
EX Cable	37.95	OC Cable	33.95
OS-1100	36.95	OC-1100	33.95
AW-90 Winder f/9000	99.95		
Program Back 90 f/9000	89.95		

GENERAL ACCESSORIES

Flash Wireless Remote Control 9 xi	104.95		
IR-In Set	199.95		
RC1000S	36.95	RC-1000L	39.95
Diopters (AF) ea.	12.95	Diop. (MD) ea.	12.95
Panorama Holder 7xi	24.95		
Panorama Head II	99.95		
Expansion Cards f/5000i, 7000i "Ea. Spec."	24.95		
Expansion Cards f/7xi, Maxxum "Ea. Spec."	24.95		
Focusing Screens (specify)	ea. 21.95		
NPC Polaroid Back f/7xi, 9xi	869.95		
Winder for "X" Series	49.95		

FILTERS	49	55	62	72	77
Sky*/UV	19.95*	22.95	39.95	44.95	54.95
Circ. Pol.	44.95	49.95	74.95	99.00	119.95

CASES AND STRAPS

Case for X-370, X-700	19.95
CH-5L for X-370, X-700	24.95
LH-1011, LH-1031, LH-1032	14.95
LH-1034, LH-1044, LH-1052	14.95

CLOSE UP & MACRO

Angle Finder VN	109.95
Magnifier VN	44.95
Close-up Lens 49mm or 55mm	29.95
Copy Stand III	209.95
Macro Stand 1000	199.95
Slide Copy Unit 1000	229.95

USED EQUIPMENT BOUGHT, SOLD AND TRADED

VIDEO and PRO AUDIO

VISA MasterCard DISCOVER NOVUS AMERICAN EXPRESS Cards

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

New Address:
420 Ninth Ave. (Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

QUICK DIAL 633

OLYMPUS

OM-3Ti

- Titanium body
- Manual, TTL OTF flash exp.
- Center weighted, multi spot & spot metering
- 1 sec. to 1/2000 sec. + bulb shutter speeds
- 1/60 sec. sync speed
- built-in diopter correction
- Interchangeable screens

Body **$1500.00**

OM-4Ti

- Black-clad titanium body
- Interchangeable screens
- Spot or center weighted metering
- 1/2000 sec. electronic shutter
- Off the film metering in auto & flash

Body **$1099.95**

OM-2000

- OM-2000 body

$159.95

- OM-2000 body
- 35-70 f3.5-4.8 lens
- Case

$229.95

MANUAL FOCUS

Case f/OM-4T	**19.95**
OM Soft Case f/Body w/Lens & Winder	**39.95**
Most OM Focusing Screens	**39.95**
Beattie Screens	**64.95**

MOTOR DRIVE & BACKS

Winder 2	**189.95**	Motor Drive 2	**449.95**
Winder f/OM1	**46.95**	Nicad & Charger	**269.95**
M-Quartz Intervalometer	**159.95**		
Databack 4	**184.95**	NPC Pol. Back	**934.95**

FILTERS

49mm UV, Sky	**19.95**	55mm	**25.95**
49mm Circular Polarizer	**64.95**	55mm	**74.95**

ZUIKO LENSES

★ With Hood ◆ With case

★◆16/3.5	**1099.95**	★◆100/2.8	**299.95**
◆18/3.5 (72ø)	**999.95**	★◆180/2.8	**999.95**
◆21/2.0 (55ø)	**939.95**	★◆200/4	**369.95**
◆21/3.5 (49ø)	**499.95**	★◆300/4.5	**699.95**
◆24/2.0 (55ø)	**699.95**	★◆500/8	**679.95**
★◆24/2.8 (49ø)	**359.95**	600/6.5 (100ø)	**2299.95**
★◆28/2.0 (49ø)	**699.95**	◆24/3.5 Shift	**1679.95**
★◆28/2.8 (49ø)	**219.95**	◆35/2.8 Shift	**849.95**
★◆35/2.0 (55ø)	**369.95**	35-70/3.5-4.8	**79.95**
◆35/2.8 (49ø)	**249.95**	◆35-80/2.8	**1199.95**
50/1.8 (49ø)	**119.95**	**NEW!** 70-210/ 4.5-5.6	**124.95**
50/1.2 (49ø)	**349.95**		
◆85/2 (49ø)	**399.95**	1.4 X-A	**429.95**
★◆100/2 (55ø)	**599.95**	2X-A	**299.95**

MACRO/COPY SYSTEMS

*w/case

*20/2	**429.95**	*38/2.8	**429.95**
*50/2.0 (55ø)	**499.95**	*50/3.5 (49ø)	**369.95**
*80/4.0 (49ø)	**699.95**	*90/2.0 (55ø)	**899.95**
135/4.5 w/ Lens Hood (49ø)	**669.95**		
Telescopic Auto Tube 65-116	**259.95**		
Auto Bellows	**259.95**	Slide Copier	**129.95**
Double Cable Release	**34.95**		
Auto Tube 7	**64.95**	Auto Tube 14	**69.95**
Auto Tube 25	**74.95**		
49mm Close Up Lens	**34.95**		
55mm Close Up Lens	**44.95**		
80mm Macro Close Up	**84.95**		
Varimagni Finder	**149.95**		
Focusing Rail	**109.95**	Focusing Stage	**69.95**

FLASH SYSTEM

S-20 Flash	**49.95**	T-20 w/c	**99.95**
T-32 w/c	**189.95**	F280 Syn. Flash	**194.95**
Power Bounce Grip II	**199.95**		
Wide Adap. & ND Set (T-32)	**29.95**		
Zoom Adapter (T-32)	**49.95**		
Color Filter Set (T-32)	**34.95**		

TTL Auto Connector (Type 3)	**24.95**		
TTL Multi Connector	**49.95**		
0.6m "F" TTL cord	**37.95**		
0.1 m, 0.15m, 0.3m, 0.6m	**29.95**		
2 Meter	**39.95**	5 Meter	**49.95**
Acc. Shoe 1, 2, 3, 4 (Specify)	**24.95**		

T-8 Ring Flash 2	**254.95**		
T-10 Ring Flash	**209.95**		
T-28 Macro Single Flash 1	**109.95**		
T-28 Macro Twin Flash	**194.95**		
Macro Flash Shoe Ring	**59.95**		
T-Power Control	**319.95**	6V Power Pack 2	**69.95**

No-Fault-Passport Protection Plan. 3 Year Warranty.

Leica

SPECIAL REBATES From Leica Thru 5-31-99

NEW!

M6 TTL

Body **$2195.00**

M6 TTL

with Higher Viewfinder magnification

Body **$2295.00**

R8

Body **$2395.00**
Less $400 Rebate
Final Cost **$1995.00**

R6-2

Body **$2295.00**
Less $400 Rebate
Final Cost **$1895.00**

M LENSES

21/2.8 Asph.	**2295.00**		
21/2.8 Asph. Chrome	**2395.00**		
24/2.8 Asph.	**1995.00**		
24/2.8 Asph. Chrome	**2095.00**		
28/2.8 (46ø)	**1895.00**		
35/1.4 Asph. Tit. (46ø)	**2795.00**		
35/1.4 Asph. (46ø)	**2595.00**		
35/2.0 Asph. (39ø)	**1595.00**		
50/1.0 #11822	**2895.00**	50/1.4 (46ø)	**1895.00**
50/1.4 Titanium (46ø)	**2095.00**		
50/2.0 (39ø)	**995.00**	50/2.8 (39ø)	**945.00**
75/1.4 (60ø)	**2695.00**	90/2 APO Asph.	**1995.00**
90/2.8 (46ø)	**1245.00**	90/2.8 Tit.	**1395.00**
NEW! 135/3.4 APO (49ø)	**1995.00**		
35/2.0 Asph. Chrome (39ø)	**1695.00**		
35/1.4 Asph. Chrome (46ø)	**2695.00**		
50/1.4 Chrome (46ø)	**1995.00**		
50/2.0 Chrome (39ø)	**1095.00**		
50/2.8 Chrome (39ø)	**1095.00**		
90/2.0 Chrome (55ø)	**1895.00**		
90/2.8 Chrome (46ø)	**1345.00**		
NEW! 28-35-50/4.0 Asph. (55ø)	**2495.00**		
NEW! Motor Winder M	**895.00**		
NEW! SF-20 Flash	**229.95**		

R LENSES

w/"ROM" Contacts for R-8

16/2.8	**2595.00**	19/2.8	**2995.00**
24/2.8 Series 8	**2195.00**		
28/2.8 (55ø)	**1895.00**		
35/2 (55ø)	**1895.00**		
35/1.4 (67ø)	**2895.00**		
50/2 (55ø)	**945.00**		
Less $200 Mfr. Rebate	Final Cost **745.00**		
50/1.4 (55ø)	**2095.00**		
60/2.8m (55ø)	**1895.00**	80/1.4 (67ø)	**2995.00**
100/2.8 APO (60ø)	**2795.00**		
180/2.8 APO (67ø)	**3395.00**		
28-70/3.4-4.5 (60ø)	**1195.00**		
Less $200 Mfr. Rebate	Final Cost **995.00**		
35-70/4.0 (60ø)	**1195.00**		
NEW! 35-70/2.8 Asph.	**3295.00**		
70-180/2.8 Vario-APO Elmarit (77ø)	**5395.00**		
80-200/4 (60ø)	**1995.00**		
105-280/4.2 Vario Elmar (77ø)	**5295.00**		
1.4x APO	**1295.00**	2x "APO" New	**1645.00**
NPC Pol. Back	**899.00**	Beattie Screens	**59.95**

We stock Cases, Winders, Finders, Motor Drives, Grips, Close-Up, Filters etc.

REBATES Thru 6-30-99

CONTAX/YASHICA

RX

- Digital focus indication
- Center or spot metering
- AP, SP, program and manual exposure modes
- Auto bracketing
- 3 fps motor drive
- Up to 1/4000 sec. top shutter speed
- 1/125 x sync • 2nd curtain sync
- Multiple exposure
- TTL auto set flash w/TLA 360
- 9 custom functions
- Built-in databack

Body Only **$999.00**

RTS III

- Center or spot metering
- Vacuum ceramic film back
- Aprox. 100% field of view
- AP, SP or manual exposure modes
- Auto bracketing • 5 fps motor drive
- Up to 1/8000 sec. shutter speed
- 1/125 or 1/250 x sync
- Multiple exposure • Mirror up
- TTL & spot pre flash
- Built-in databack

Body Only **$2250.00**

Aria

- Smallest, lightest Contax manual focus SLR
- 5-zone evaluative, TTL center-weighted or spot metering
- Aperture priority, shutter priority, programmed, manual, TTL automatic flash, manual flash exposure control
- TTL flash metering
- 95% bright viewfinder coverage

Body Only **$589.00**

AX

- Auto back focus system
- Single frame or continuous predictive autofocus
- Center or spot metering
- AP, SP, program or manual
- Up to 1/6000 sec. shutter speed
- 8 custom functions

Body Only **$1900.00**
Less $300 Rebate
Final Cost **$1600**

ST

- Center or spot metering
- AP, SP, program and manual exposure modes
- Auto bracketing • 3 fps motor drive
- Up to 1/6000 sec. shutter speed
- 1/200 x sync • Built-in databack
- TTL auto flash exposure

Body Only **$1429.00**

Buy an AX Body with a 28/2.8, 85/1.4, 35-70, 28-85 or 80-200 Lens, and receive an additional **$200 Rebate** total of **$500 Rebate**

S2

- S2 spot metering
- Mechanically controlled shutter
- Up to 1/4000 top shutter speed
- 1/250 x sync
- Titanium top & bottom covers

S2 Chrome
Body Only **$1049.00**

Yashica FX3 Super 2000

$149.95

with 50/1.9 lens	**194.95**

ZEISS T* LENSES FOR G1/G2

16/8 Hologon with Viewfinder Included	**CALL**
21/2.8 Biogon with Viewfinder (55ø)	**1199.00**
Less $100 Rebate Your Final Cost	**1099.00**
28/2.8 Biogon (46ø)	**520.00**
Less $100 Rebate Your Final Cost	**420.00**
35/2 Planar (46ø)	**469.00**
Less $100 Rebate Your Final Cost	**369.00**
45/2 Planar (46ø)	**339.00**
90/2.8 Sonnar (46ø)	**520.00**
Less $100 Rebate Your Final Cost	**420.00**

FLASHES & ACCESSORIES

TLA 360 Flash	**CALL**
TLA 480 Flash	**CALL**
TLA-140 G Flash	**159.95**
TLA 200 G Flash	**299.00**

G1 PROMOTION

Purchase the G1 with 45/2 Standard G Lens

Special! **$999.00**

G2 REBATE

Purchase the G2 with 45/2 Standard G Lens

Regular Price **$1899**
Less **$500** Instant Rebate
Your Final Cost **$1399.00**

INSTANT REBATES!

Purchase any Contax G Series lens for the G1/G2 (except 45mm) and receive a $100 Instant Rebate All Rebates thru 6-30-99

ZEISS MM LENSES W/CASE

18/4 (86ø)	**CALL**	25/2.8 (55ø)	**CALL**
28/2.8 (55ø)	**CALL**	35/1.4 (67ø)	**CALL**
35/2.8	**CALL**	45/2.8 (55ø)	**CALL**
*50/1.4 (55ø)	**CALL**	*50/1.7 (55ø)	**CALL**
85/1.4 (67ø)	**CALL**	85/2.8 (55ø)	**CALL**
100/2 (67ø)	**CALL**	135/2.8 (55ø)	**CALL**
180/2.8 (72ø)	**CALL**	300/4 (82ø)	**CALL**
500/8 (82ø)	**CALL**		
NEW! 28-70/3.5-4.5 (67ø)	**CALL**		
28-85/3.3-4 (82ø)	**CALL**	35-70/3.4 (67ø)	**CALL**
35-135/3.5-4.5	**CALL**	80-200/4 (55ø)	**CALL**
60/2.8 Macro (55ø)	**CALL**		
2X Mutar I or II	**CALL**		
1.4X Mutar III	**CALL**		
NPC Polaroid Back for RTS III	**1099.00**		
Beattie Screens for RTS III	**59.95**		

*w/o Case

T-2

w/38/2.8 Zeiss T* **CALL**

TVS

w/28-56 Zeiss T* **CALL**

TIX APS

CALL

YASHICA

Dental Eye III	**CALL**
Mirror for Dental Eye	**164.95**
35-70/3.5-4.5 MC (52ø)	**89.95**
28-80/3.9-4.9 MC (58ø)	**109.95**
75-200/4.5 Macro MC (55ø)	**104.95**

FOR A FREE MONTHLY CATALOG, CALL 800-947-6933, 212-444-6633 OR WRITE

B&H
PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL:
800-947-9953
212-444-6653

OR FAX (24 HOURS):
800-947-7008
212-239-7770

MOST ORDERS SHIPPED WITHIN 24 HOURS
OVERNIGHT SERVICE AVAILABLE

On the Web: http://www.bhphotovideo.com

35mm MANUAL AND AUTO FOCUS LENSES

QUICK DIAL 633

SIGMA

Perfecting the way photographers work
PRO LENSES, CAMERAS AND FLASHES

MACRO • EXTRA WIDE • ULTRA TELE

Compare features...
Compare values...
Sigma delivers!

MACRO

MACRO
50mm f/2.8 Ex Macro
105mm f/2.8 Ex Macro
- 1:1 macro without accessories
- Minimum aperture f/45 for Nikon, Pentax
- Focus limiter f/faster AF
- Outstanding optical performance
- Fully "D" function for Nikon AF
- Non-rotating front barrel

ASPHERICAL

ASPHERICAL
28-105mm
f/2.8 ~ 4 ASP
- Fast max aperture
- Internal focusing
- Non-rotating front barrel
- Close focusing at all zoom settings
- Aspherical elements

NEW!

ASPHERICAL

ASPHERICAL
28-200mm
f/3.5-5.6 DL
Hyperzoom Macro
- Incorporates 1 aspherical lens in the rear group and 1 special low dispersion glass element in the front lens group
- Focus as close as 19.7 inches (50cm) from film plane to subject, at all focal lengths

*Best Choice

APO ZOOM

APO ZOOM
70-300mm
f/4.0 ~ 5.6
APO Macro
***Best Choice**
- Apochromatic design
- 2 SLD glass elements
- Built-in telemacro to 1:2 (half lifesize)

*Buying Cameras Magazine

SUPER TELE ZOOMS

SUPER TELE ZOOMS
135-400mm f/4.5 ~ 5.6
APO Aspherical
170-500mm f/5 ~ 6.3
APO Aspherical
- Compact
- Five group zooming
- Rear focusing (smooth and steady focusing)
- Tripod collar
- 3 SLD Glass elements
- Aspherical optics

NEW HOT ITEMS!

NEW!

70-300mm f/4-5.6 DL Macro Super
- Telemacro zoom lens capable of focusing down to 1:2 reproduction ratio at 300mm focal length with superb optical quality
- 1-SLD glass element
- Lead and arsenic free ecological glass

70-300mm f/4-5.6 APO Macro Super
- APO chromatic tele zoom lens incorporating 2 special low dispersion glass elements in the front lens group, plus 1 special low dispersion glass element in the rear lens group - total SLD glass elements.

NEW!

EF-430 ST

EF-430 ST Electronic Flash
***Best Choice**
- Up to guide number 43/142
- Auto Zoom Head sets best illumination angle
- Automatic TTL light controls
- Tilt head
- Built in AF assist
- Two-step manual flash

*Best Choice

*Photo Answers (Mar. 98)

"ALL IN ONE" PRO LENSES

MACRO 50mm f/2.8 Ex Macro 105mm f/2.8 Ex Macro

ASPHERICAL 28-105mm f/2.8 ~ 4 ASP

APO ZOOM 70-300mm f/4.0 ~ 5.6 APO Macro *Best Choice
*Buying Cameras Magazine

SPECIALTY PRO LENSES

	MANUAL FOCUS	MAXXUM"I"	SIGMA-SA	EOS	NIKON AF	PENTAX AF
8/4.0 Fisheye Included	669.00	—	—	—	—	—
14/3.5	549.95	549.95	549.95	549.95	549.95	—
NEW! 14/2.8	—	799.00	799.00	799.00	799.00	799.00
15/2.8	439.00	—	—	—	—	—
24/2.8 (52ø)	169.00	169.00	169.00	169.00	169.00	169.00
28/1.8 Aspherical II (58ø)	169.00	169.00	169.00	169.00	*169.00	169.00
NEW! 50/2.8 EX Macro 1:1 (55ø)	—	239.00	239.00	239.00	*239.00	239.00
NEW! 105/2.8 EX Macro 1:1	—	359.00	359.00	359.00	*359.00	359.00
NEW! 300/2.8 EX APO**	—	2670.00	2670.00	2670.00	2670.00	2670.00
NEW! 500/4.5 EX APO**	—	3290.00	3290.00	3290.00	3290.00	3290.00
600/8 Manual Included	379.00	379.00	379.00	379.00	379.00	379.00
"ALL-IN-ONE" ZOOM LENSES						
NEW! 17-35/2.8-4.0 Aspherical**	—	479.00	479.00	479.00	*479.00	479.00
24-70/3.5-5.6 Aspherical (55ø)	149.00	149.00	149.00	149.00	*149.00	149.00
NEW! 28-70/2.8 EX (77ø)	—	339.00	339.00	339.00	*339.00	339.00
28-70/2.8-4.0 (55ø)	129.00	129.00	129.00	129.00	*129.00	129.00
28-80/3.5-5.6 ASP-Macro (55ø)	—	89.00	89.00	89.00	*89.00	89.00
NEW! 28-105/4.0-5.6 UC II	—	159.00	159.00	159.00	*159.00	159.00
28-105/2.8-4.0 Aspherical (72ø)	—	199.00	199.00	199.00	*199.00	199.00
NEW! 28-200/3.5-5.6 Asph. IF	—	239.00	239.00	239.00	*239.00	239.00
70-210/4.0-5.6 II (55ø)	119.00	119.00	119.00	119.00	*119.00	119.00
NEW! 70-300/4.0-5.6 DL Macro Super	—	199.00	199.00	199.00	*199.00	199.00
NEW! 100-300/4.0-6.7 UC (55ø)	139.00	139.00	139.00	139.00	*139.00	139.00
"ALL-IN-ONE" APO/APO MACRO LENSES						
NEW! 300/4.0 APO Macro (72ø)	—	629.00	629.00	629.00	*629.00	629.00
400/5.6 APO Macro (77ø)	659.00	659.00	—	—	*659.00	659.00
400/5.6 APO Macro "HSM" (77ø)	—	—	799.00	799.00	—	—
70-200/2.8 APO (77ø)	—	799.00	—	—	—	799.00
70-200/2.8 APO HSM (77ø)	—	—	799.00	799.00	*799.00	—
NEW! 70-300/4.0-5.6 APO Macro Super	—	289.00	289.00	289.00	*289.00	289.00
135-400/4.5-5.6 APO Aspherical (77ø)	—	499.00	499.00	499.00	*499.00	499.00
170-500/5.0-6.3 APO Aspherical (86Cø)	—	609.00	609.00	609.00	*609.00	609.00
1.4x APO	—	149.00	149.00	149.00	*149.00	149.00
2x APO	—	169.00	169.00	169.00	*169.00	169.00

**Sigma, EOS, Nikon — HSM

* D Type

HSM 300mm f/4 APO HSM 400mm f/5.6 APO HSM

SUPER TELE ZOOMS 135-400mm f/4.5 ~ 5.6 APO Aspherical 170-500mm f/5 ~ 6.3 APO Aspherical

B&H LENS SPECIALS

Sigma Close Up Lens f/28-200	22.95
Sigma 90/2.8 CFD, Y/C	334.95
Sigma 400/5.6 APO NAI	399.95
Sigma 500/7.2 APO CFD, NAI, PK	499.95
Sigma 18-35/3.5-4.5 CFD, PK, NIK AF, PEN AF	420.00
Sigma 28-70/3.5-4.5 "UC" NAI	79.95
Sigma 28-200/3.8-5.6 EOS, MAX, NIK AF, PEN AF, SA	194.95
Sigma 70-210/2.8 APO NIK AI, EOS, FD, NIK AF	599.95
Sigma 70-300/4.0-5.6 APO Macro SA	269.95
Sigma 70-300/4.0-5.6 DL Macro NIK AF, SA, PEN AF	189.95
Sigma 75-300/4.0-5.6 APO NIK AI	199.95
Tamron Close Up Lens f/28-200	19.95
Tamron 35-105/2.8 EOS	499.95
Tokina 90/2.5 ATX Macro NAI	249.95
Tokina 300/2.8 ATX-APO PK	1799.95
Tokina Close-Up f/35-300	24.95
Vivitar 105/2.5 Ser. 1, CFD	289.95
Vivitar 28-105/4.0-5.6 Ser. 1 AF Maxx	169.95
Vivitar 70-210/2.8-4 APO CFD, NAI	189.95

Vivitar

MANUAL FOCUS LENSES

19/3.8 (62ø)	109.95
24/2.8	79.95
28/2.8 (49ø)	59.95
500/8 Included	109.95
17-28/4.0-4.5	134.95
19-35/3.5-4.5 (77ø)	144.95
28-80/3.5-5.6 (58ø)	99.95
28-105/3.5-4.5 Macro (72ø)	149.95
28-105/2.8-3.8 Series 1 (72ø)	199.95
2x Converter w/case	49.95
Macro Focus 2x Conv. w/case	119.95
Auto Ext. Tube Set w/case	94.95

	MANUAL FOCUS	MAXXUM	EOS	NIKON AF
100/3.5 Macro	114.95	124.95	149.95	124.95
28-210/3.5-5.6	154.95	139.95	139.95	139.95
100-300/5.6-6.7	109.95	139.95	149.95	139.95
SERIES 1 AF LENSES				
19-35/3.5-4.5 Ultra Wide Macro Focus	—	144.95	169.95	144.95
NEW! 28-210/4.2-6.5 Zoom	—	184.95	189.95	184.95
28-300/4.0-6.3 Macro Zoom (77ø)	—	199.95	224.95	199.95
100-400/4.5-6.7 (67ø)	—	214.95	234.95	214.95

NEW! TAMRON REBATES *Thru 7-31-99*

	Reg.	Rebate	Final Cost		Reg.	Rebate	Final Cost
14/2.8 AF	1299.00	$200	1099.00	28-105/2.8	799.00	$100	699.00
90/2.8 Macro	429.00	$50	379.00	28-200/3.8-5.6 "Super"	299.00	$50	249.00
300/2.8 LD	—	$100	—	70-210/2.8 LD	899.00	$50	849.00
20-40/2.7-3.5	669.00	$50	619.00	80-210/4.5-5.6	119.00	$10	109.00
28-80/3.5-5.6	109.00	$10	99.00	100-300/5.0-6.3	169.00	$10	159.00
28-105/4.0-5.6	159.00	$10	149.00	200-400/5.6	539.00	$100	439.00

	MANUAL FOCUS	MAXXUM	EOS	NIKON AF	PENTAX AF
NEW! 14/2.8 AF	—	**1099.00	**1099.00	**1099.00	**1099.00
17/3.5 (82ø)	369.00	—	—	—	—
24/2.5 (55ø)	249.00	—	—	—	—
90/2.8 Macro (55ø)	**379.00	**379.00	**379.00	**379.00*	**379.00
300/2.8 LD Included	**2069.00	**2513.00	**2789.00	**2513.00	—
500/8 (82ø-CW)	369.00	—	—	—	—
20-40/2.7-3.5 (77ø)	—	**619.00	**619.00	**619.00*	—
24-70 (62ø)	—	219.00	219.00	219.00	—
28-70/3.5-4.5 (52ø)	159.00	—	—	—	—
28-80/3.5-5.6 (58ø)	—	**99.00	**99.00	**99.00*	**99.00
28-105/4.0-5.6 IF (62ø)	—	**149.00	**149.00	**149.00*	**149.00
28-105/2.8 (82ø)	**699.00	**699.00	**699.00	**699.00*	—
28-200/3.8-5.6 LD Asph. Super	**249.00	**249.00	**249.00	**249.00*	**249.00
NEW! 28-300/3.5-6.3	—	499.00	499.00	499.00*	499.00
60-300/3.8-5.4 Macro w/Hd (62ø)	349.00	—	—	—	—
70-210/4-5.6 (3") (52ø)	159.00	—	—	—	—
70-210/3.5 Macro (62ø)	349.00	—	—	—	—
70-210/2.8 LD (77ø)	—	**849.00	**849.00	**849.00*	—
70-300/4.0-5.6 LD (58ø)	—	219.00	219.00	219.00*	219.00
80-210/4.5-5.6 (52ø)	—	**109.00	**109.00	**109.00*	—
100-300/5.0-6.3 (55ø)	—	**159.00	**159.00	**159.00*	**159.00
200-400/5.6 AF (77ø)	—	**439.00	**439.00	**439.00*	—
2x Flat-Field Converter	129.00	129.00	129.00	129.00*	129.00
1.4x Converter SP	—	109.00	109.00	109.00*	109.00
Adaptall Mounts (Ex. Leica R)	34.95	—	—	—	—
Adaptall Mount Leica R-4	59.95	—	—	—	—

** *Price reflects after Rebate*

* *D Type*

NEW! Tokina REBATES *Effective 4-1-99*

	Reg.	Rebate	Final Cost		Reg.	Rebate	Final Cost
NEW! 17/3.5 "Pro" ATX	429.00	$30	399.00	28-105/3.5-4.5	189.00	$20	169.00
NEW! 300/2.8 "Pro" ATX	2299.00	$200	2099.00	35-300/4.5-6.7	239.00	$40	199.00
400/5.6 ATX	439.95	$40	399.95	80-200/2.8 ATX "Pro"	759.00	$60	699.00
20-35/2.8 ATX "Pro"	739.00	$60	679.00	80-400/4.5-5.6 ATX	549.00	$50	499.00
28-70/2.6-2.8 "Pro" II	439.00	$40	399.00				

	MANUAL FOCUS	MAXXUM	EOS	NIKON AF	PENTAX AF
17/3.5 (67ø)	229.95	—	—	—	—
NEW! 17/3.5 "Pro" ATX	—	**399.95	**399.95	**399.95	—
28/2.8 (49ø)	84.95	—	—	—	—
100/2.8 ATX Macro (55ø)	—	379.00	379.00	379.00	—
NEW! 300/2.8 "Pro" ATX	—	**2099.00	**2099.00	**2099.00	—
400/5.6 ATX-APO (72ø)	—	**399.95	**399.95	**399.95	—
19-35/3.5-4.5 (77ø)	—	159.95	159.95	159.95	—
20-35/3.5-4.5 II (77ø)	—	279.95	279.95	279.95	279.95
NEW! 20-35/2.8 ATX Pro Aspherical	—	**679.00	**679.00	**679.00*	**679.00
28-70/3.5-4.5 SZX Macro (52ø)	134.95	—	—	—	—
28-70/2.6-2.8 "Pro" II (77ø)	—	**399.00	**399.00	**399.00*	**399.00
28-105/3.5-4.8 SZX (62ø)	189.95	—	—	—	—
NEW! 28-105/3.5-4.5	—	**169.00	**169.00	**169.00	**169.00
28-200/3.5-5.3 SZX Macro (72ø)	199.95	—	—	—	—
28-210/3.5-5.6 (72ø)	—	144.95	144.95	144.95	—
28-300/4.0-6.3 (77ø)	—	219.95	219.95	219.95	—
35-300/4.5-6.7 (72ø)	—	**199.00	**199.00	**199.00*	**199.00
70-210/4-5.6 (3.4") "N" SZX Macro	134.95	—	—	—	—
80-200/2.8 ATX "PRO" (77ø)	—	**699.95	**699.95	**699.95	**699.95
80-400/4.5-5.6 ATX (72ø)	—	**499.95	**499.95	**499.95	**499.95
100-300/5.6-6.7 (55ø)	—	129.95	129.95	129.95	—
100-300/4 ATX APO II (77ø)	—	799.95	799.95	799.95	—
100-400/4.5-6.7 (67ø)	—	229.95	229.95	229.95	—
150-500/5.6 ATX APO (95ø)	1049.95	—	—	—	—
2x 7 Element Converter	89.95	129.95	129.95	129.95	129.95

** *Price reflects after Rebate*

* *D Type*

ALL ITEMS ARE COMPLETE WITH ALL ACCESSORIES AS SUPPLIED BY MANUFACTURER

VIDEO and PRO AUDIO

Cards

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

New Address:
420 Ninth Ave. (Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

EQUIPMENT CASES AND CAMERA BAGS

QUICK DIAL 633

zing DESIGNS

For cameras with the following lenses

	Standard	Large
35mm w/o Harness	29.95	29.95
35mm w/Harness	29.95	29.95
Universal SLR	29.95	29.95
Zoom	29.95	29.95
Pro SLR or Pro Zoom SLR Cover ......ea.		34.95

LENS POUCH - Black, Purple, Blue

Small	9.95	Medium	10.95
Large	13.95		

CAMERA & PERSONAL BAGS Specify Colors

Small	9.95	Medium	12.95
Standard Strap	12.95	Action Strap	9.95

Billingham

Hadley Photo K/B/O with Insert	159.95		
Alice Bag B/K	169.95		
#225 B/K/O	264.95		
NEW! #206 System Bag B	239.95		
#305K	**209.95**	#335 K/B/O	284.95
#445B/K/O	334.95	#550 K/B	399.95
NEW! Packington K/B/O	319.95		
Series 3	189.95		
Photo Event EX	299.95		
Stowaway Pola B/K/O	106.95		
Airline B/K/O	103.95		
Compact B/K/O	99.95		
Nytex System Bags, Simply Lens Pouches, Metro Series	CALL		

K = Khaki, B = Black, O = Olive

Lowepro

Nova Series Black, Gray, Green, Navy

Nova 1	32.95	Nova 2	36.95	Nova 3	39.95
Nova 4	49.95	Nova 5	53.95		

Trekking Series

Orion Mini	31.95	Orion	46.95
Orion AW	122.95	Photo Runner	43.95
Off Road	72.95	Off Trail	37.95
NEW! Off Trail 2	57.50	Photo Trekker	152.95
Super Trekker	389.95	Orion Trekker	60.95
NEW! Pro Trekker	319.95		
Mini Trekker	99.95	Trim Trekker	120.95
Photo Trekker AW	229.95	Nature Trekker	189.95

Trekking Series Accessories

Tote	54.95	Daypack	49.95
Belt Pack	29.95	Accessory Kit	74.95
Film Lock	7.95	Reflector	9.95

Professional AW Series Black, Gray, Navy, Pine

Top Load Zoom AW	49.95		
Mini Mag AW	85.95	Elite AW	106.95
NEW! Rover AW	168.95		
Compact AW	126.95	Magnum AW	161.95
Pro Mag-1	130.95	Pro Mag-2	149.95
Medium Format Magnum AW	163.95		
Medium Format Commercial AW	216.95		
Commercial AW	191.95	Pro Roller 1	256.95
Pro Roller 2	299.95		

Omni Series

New! Omni Sport	48.95	w/Extreme	111.95
New! Omni Traveler	85.95	w/Extreme	154.95
Omni Pro	135.95	w/Extreme	227.95
New! Omni Trekker	179.95	w/Extreme	292.95

TENBA

VENTURES

P301	P302	P303	P304	P305
P306	P307	P308	P309	P354

COMPANIONS

P203	P206	P209

TRAVELERS (P) with Leather Trim

P415	P513/P415 Exp. Kit	
P503	P506	P508
P513	P534	P554

PRO TRAVELERS MEDIUM FORMAT

P656	P676	P696

PRO TRAVELERS

P655	P675	P684	P695

PROFESSIONAL CAMERA BAGS

P595	P795	P895	P995	P998

SLIM PACKS

P211	P215

PORTFOLIO CASES

810	1114	1418	1620

BACK PACKS

P151	P251	P252	P253	P255	P257

TRI PACK

T325	T385	T388	T488	
T538	T7010	T9012	PAT	PAT50

TRIANGULAR TRI-PAKS

TTP34	TTP46	TTP75

COMPUTER TRAVELERS(P) w/ Leather Trim

C413	C416	C418	C513	C516	C518

AIR CASES

Air Max	Multi	Head 4	Portfolio
MFS	Head 2	View 4x5	System 1
MF	Head 3	View 8x10	

BESELER CONTOUR SERIES

B700 Compact Video/Photo	24.95		
B710 Video/Photo	34.95		
B720 Multi Format	39.95	B730 Versatile	49.95
B30 7" Holster	14.95	B50 9" Holster	19.95

Available in Black, Navy & Hunter Green

PHOTOFLEX INC. Transpac

Outbound	69.95	Cruzer	89.95
Expedition	129.95		

Domke

SHOOTER BAGS Available in blk, sand or navy

F-5XB Shoulder & Belt Bag	47.97		
F-6 Little Bit Smaller	59.97		
F-6 Ballistic Blk	59.97		
F-6E Hunter Green w/Leather Trim	71.97		
F-3X Super Compact	77.97		
F-3X Ballisitic Black	77.97		
NEW! F-3XE Hunter Green w/Leather Trim	89.97		
F-2 Original Bag	89.97	F-2 Ballistic Blk.	89.97
F-2E Hunter Green w/Leather Trim	101.97		
F-2LE "Leather"	239.98	F-4AF Pro System	94.97
J-1 Ballistic Black	119.97	J-2	107.97
J-3 Balisitic Black	95.97		
J-300 Long Lens Bag 7 x 8 x 12	89.97		
J-400 Long Lens Bag 7x 8 x 18	95.97		
J-600 Long Lens Bag 7x 8 x 22	101.97		
J Series Belt Bag	29.97	F-IX Balisitic Blk.	119.97
F-IX Little Bit Bigger	119.97		
F-7 Double AF	131.97	"Junk Trunk"	71.50

VESTS

NEW! XXL	65.97
Photogs Cotton Vests (Khaki)	59.95
Photogs Jacket (S/M/L/XL)	134.95
Backpack (Blue, Olive or Black)	179.97
Daypack (Blue, Olive or Black)	119.97
Waist Pack (Blue or Olive)	35.97
Scope Pack (Blue or Olive)	83.97

SATCHELS - Available in black, navy or sand.

F-802 Reporter's Satchel	59.97		
F-802E Hunter Green w/Leather Trim	77.97		
F-803 Camera	77.97		
F-803E Hunter Green w/Leather Trim	95.97		
F-804 Super	74.97	F-805 Courier	95.97
F-806 Bureau Chief Satchel Black	80.97		

SLING & TRIPOD BAGS - Black Only

F-427 Tripod Bag-27"	28.77	F-432 32"	31.17
F-440 Tripod Bag-40"	37.17		
F-400 Sling Bag 42x8x4"	47.97		
F-401 Super Bag 38x8x8"	53.97		
F-402 Mini Sling Bag 32x4x8"	44.97		
F-403 x-long Stretch Sling bag 56x8x8"	53.97		
FA-100 Back Pack Strap	16.95		

OP/TECH USA

SOFT SLR FITTED COVERS

Std. 50mm	22.95	Short Zoom 28-80	24.95
Long Zoom 28-200	26.95	AF-Pro	29.95
Chameleon (Auto and AF-Pro)	23.95		

SOFT POUCH f/APS & DIGITAL CAMERAS

Mini	12.50	Small	13.50
Medium	14.50	Large	15.95
X-RAY POUCH Small	19.95	Medium	26.95

SNOOT BOOT

Mini	13.95	Small	14.95	Med./Lg.	15.95

Camera straps, tripod legs & soft wraps, in stock.

ZERO HALLIBURTON

Most cases available in Silver or Black

w/FOAM

100 (9x12x5)	157.50	101 (9x16x7)	187.50
102 (13x18x4)	169.50	103 (13x18x6)	187.50
105 (13x21x6)	219.50	106 (17x21x7)	249.50
107 (13x21x7)	219.95	110 (18x26x9)	310.95
111 (18x24x7)	279.95	129 (20x29x10)	369.95
105 **w/DIVIDERS** (13x21x6)	229.95		
Laptop Attache Case	299.95		
Slim Line Notebook Case, Gun Metal	194.95		

ZEROLLER (Silver Only)

107	297.95	110	459.00
111	428.00	129	515.00

NEW! MODULAR DIVIDER CASES W/REMOVABLE INTERIOR

103 Silver	249.95	105 Silver	276.95
110 Silver	426.95	Zeroller Black	371.95

Modular kits avail. to convert foam to divider case

ALUMINUM CASES

w/Strap & Key

Small Tackle Box Style (15 x 11½ x 7½")	79.95
Lg. Tackle Box Style (20½ x 13¼ x 10½")	99.95
Medium Attache Style (18 x 13½ x 6")	59.95
Large Attache Style (21 x 17½ x 8")	89.95
Ex-Large Attache Style (23 x 21 x 10¾")	119.95

Porter CASE

The only wheeled carry-on w/a built-in cart It's a Case...a Tote...a Cart. All in one!

- Fold the Porter case down to the cart position and stack on your other items
- Airline regulation carry-on size • 4" wheels
- 42" telescope handle
- Exterior tie-down strap • Customizable
- Combination lock
- Carries 200 lbs.
- Exterior Dimensions: 22" (L), 14"(W), 8"(H)

#1502E w/o Dividers and Foam	169.95
#1502E with Foam	199.95
#1502E with Dividers f/Computers	229.95
#1502E with Dividers f/Photo	239.95
#1502E Photo Plus w/Dividers	279.95
#1502E Audio/Visual w/Dividers	209.95

tamrac

* M·A·S COMPATIBLE MODULAR ACCESSORY SYSTEM

STRONGBOX SERIES

644 Double Format	209.95		
646 Unlimited	248.95	648 El Grande	274.95
NEW! 651 Compact Rolling	243.95		
652* Rolling	274.95		
654* Jumbo Rolling	324.95		
655* Express Rolling	312.50		

BACK PACKS

757* Photo Convertible	162.50
767* Photo Trail	159.50
777* Summit Photo	224.95
787* Super Photo	248.95
677* Rolling Travel	299.95
678* Rolling Photo	337.50

DAY PACKS

748* Compact Photo	74.95
750 Photographer's	99.95
752 Super Photo	118.95
635* Photo Convertible	93.95
637* Pro Convertible	112.50

All other bags, straps & accessories, In Stock.

NEW 5000 SERIES

5242 Adventure 2 Back Pack	49.95
5248 Adventure 8 Back Pack	62.50
5275* Expedition 5 Back Pack	99.95
5705* Adventure 5 Hip Pack	44.95
5608 Pro 8 Full Featured Bag	84.95
5606 System 6	59.95
5603 System 3	47.50
5203 Photo Explorer 3	41.50
5202 Photo Explorer 2	37.50
5201 Photo-Video 1	33.95
5284 Video-Photo 4	40.95
5285 Video-Photo 5 Double Decker	37.50
5200 Photo-Digital Camera	12.50
5516 Zoom 16	21.95

TRIPOD BAGS

324 Medium	24.50	326 Large	28.50
327 Extra Large	31.50	332 Padded	59.50

STANDARD AND SPECIAL EFFECTS FILTERS

QUICK DIAL 61

TIFFEN

Buy any 3 Tiffen Filters, get 10% off.

	40.5	46-49 52-55	58	62-67	72-77	82	86C/86M	95C/105C	BAY 60
Skylight (1A),UV Haze 1	10.50	10.50	12.95	16.50	29.50	39.50	69.95	131.40	49.00
UV Protector	8.75	8.75	11.00	14.00	25.50	39.50	49.95	—	30.50
Polarizer (Rotating mount except*)	—	17.50	20.50	26.00	40.50	53.50	122.50	324.45	58.75
Circular Polarizer (Rotating mount)	34.95	34.95	36.95	50.50	67.50	99.95	119.00	—	—
80A, 80B, 81A, 81B, 812	10.95	10.95	12.00	15.75	27.25	42.00	69.95	131.40	56.00
8, 11, 15, 25, Neutral Density 3, 6, 9	10.25	10.25	12.00	15.75	28.00	42.00	69.95	131.40	56.00
12, 16, 21, 23A, 29, 47, 47B	57.50	16.50	18.75	26.50	46.50	64.00	69.95	131.40	68.00
58, UV17, Haze 2A	57.50	16.50	18.75	26.50	46.50	64.00	69.95	131.40	—
81C/EF, 82A/B, 85, 85B/C	57.50	16.75	18.95	26.50	46.25	64.00	69.95	131.40	68.00
Center Spot	—	22.50	26.50	29.25	39.25	—	—	—	—
Close Up Lens Sets (+1, +2, +4)	—	42.00	61.00	73.95	112.95	—	—	—	—
CC 05/10/20/30/40/50M	—	34.95	47.95	61.95	89.50	—	—	—	87.95
Color Grads (Specify color & density)	—	31.50	36.75	44.75	58.95	—	139.95	—	87.50
Double Fog, 1, 3	57.50	27.25	34.00	44.50	58.95	84.95	78.95	167.40	88.00
Enhancing	31.95	31.95	45.95	53.95	59.95	64.95	122.95	321.75	109.95
FL-D/FL-B (* FL-D only)	14.50	14.50	18.75	23.50	37.00	66.95	78.95	167.40	—
Fog 1, 3	57.50	27.25	34.00	44.50	58.50	64.75	78.95	167.40	87.95
Low Contrast, 1, 2,3 (*3 only)	57.50	27.95	34.95	44.50	58.50	64.75	78.95	167.40	—
Sepia 1, 2, 3 (most sizes available)	57.50	27.95	34.95	44.95	58.95	64.75	78.95	167.40	—
Soft Contrast 1, 2, 3	57.50	27.25	35.00	44.50	58.50	64.75	78.95	167.40	88.00
Soft/FX 1, 2, 3, 4, 5 (*3 Only)	—	30.00	37.50	46.50	62.75	90.50	109.95	203.40	88.00
Softnet 2, 4 (Black or White)	57.50	28.00	35.00	44.50	58.50	64.75	78.95	167.40	88.00
Star Effect 6 Pt. 2mm	—	26.75	31.25	43.25	72.95	—	164.95	—	—
Star Effect 8 Pt. 2mm	—	29.50	34.50	47.50	75.95	—	164.95	—	—

HOYA

Buy any 3 Hoya Filters, get 10% off.

	39-40.5-43	46	49-52-55	58	62-67	72	77	82
UV/Skylight 1B	20.95	10.50	9.95	11.95	18.95	27.95	32.95	44.95
Polarizer (Rotating)	29.95	16.95	16.95	19.95	22.95	34.50	40.50	52.50
Circular Polarizer	—	28.95	29.95	34.50	49.50	58.95	70.50	92.95
K2*, G, 25A *, X0*, X1*	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
80A, 80B*, 80C*, 81A*, 81B, 81C	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
82A, 82B, 82C, 85, 85B, 85C	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Fluorescent FLD (Daylight) FLW (Warm White)	—	14.95	14.95	17.95	26.95	34.50	41.95	—
ND 2X (1 Stop), 4X (2 Stop)*, 8X (3 Stop)*	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Center Spot (Soft focus Rim w/ hole in center)	—	—	19.50	20.95	26.95	34.50	—	—
Soft Spot Set (Sand & soft screen w/ clear center)	—	—	29.95	34.50	44.95	53.95	55.95	—
Misty Spot (Clear center w/ gradual blurring towards rim)	—	—	20.95	—	—	—	—	—
Grad Color (Rotating, color gradually fades towards center)	—	—	19.50	20.95	—	—	—	—
Fog A, Fog B (Create fog effects)	—	—	20.95	22.50	—	—	—	—
Fog Filter Set (A & B)	—	—	37.50	44.95	56.95	67.50	83.95	—
Diffuser (Overall soft focus effect)	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Duto (Soft focus effect w/sharp center)	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Softener A, B (Graduated soft focus)	—	—	25.50	28.50	41.95	47.95	50.95	—
Spectral Cross (Soft focus w/rotating cross screen)	—	—	28.50	29.95	—	—	—	—
Close Up Set	—	34.50	34.50	39.95	54.95	74.95	82.50	—
Split Field (1/2 close-up, 1/2 open	—	—	29.95	32.95	35.95	44.95	—	—
Cross Screen (Star 4 point)	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Star 6, Star 8 (Star 6 point, star 8 point)	—	—	20.95	23.95	34.50	40.50	44.95	—
Multivision 3F, 3PF (Rotating 3 facet, 3 parallel facet)	—	—	44.95	50.95	67.50	82.50	88.50	—
Multivision 5F (Rotating 5 facet)	—	—	50.95	56.95	82.50	101.95	104.95	—
Multivision 6F, 6PF (Rotating 6 facet, 6 parallel facet)	—	—	55.50	71.95	86.95	109.50	119.95	—
NEW! Enhancement (Red/Green Field Int.)	—	—	32.95	41.95	53.95	59.95	71.95	—
NEW! Ultra Thin UV, Sky	—	—	—	33.95	39.95	49.95	53.95	—

B+W

B&H SPECIAL! Buy any 3 B+W Filters and get 5% off

	46	49	52	55	58	B60	62	67	72	77	82
UV, KR1.5	22.50	17.50	21.25	21.25	23.75	93.75	32.50	35.00	47.50	52.50	70.00
Top (Linear) Polarizer	42.50	35.00	36.25	40.00	43.75	—	50.00	56.25	68.75	75.00	111.25
Circular Polarizer	80.00	67.50	70.00	78.75	80.00	—	85.00	105.00	115.00	131.25	—
Kaesemann Linear Polarizer	92.50	90.00	95.00	108.75	112.50	—	117.50	140.00	155.00	175.00	202.50
Kaesemann Circular Polarizer	105.00	107.50	111.25	123.75	127.50	280.00	155.00	163.75	182.50	207.50	252.50
Warm Tone Linear Polarizer	105.00	90.00	125.00	142.50	146.25	—	155.00	173.75	190.00	225.00	252.00
Warm Tone Circular Polarizer	118.75	113.75	156.25	157.50	170.00	—	172.50	203.75	222.50	253.75	292.50
KR3, KR6, KR12, KR15, KB1.5, KB3, KB6, KB12, KB20	22.50	17.50	21.25	21.25	23.75	93.75	32.50	35.00	47.50	52.50	70.00
KB15, 81A, 81B	40.00	17.50	21.25	21.25	23.75	110.00	32.50	35.00	47.50	52.50	201.25
Lt. Yellow 021, Med. Yellow 022, Dk. Yellow 023 Yellow Orange 040, Red Orange 041, Yellow Green 060 Green 061, Blue 080, Med. Blue 081, Lt. Red 090, Dk. Red 091	22.50	17.50	21.25	21.25	23.75	93.75	32.50	35.00	47.60	52.50	70.00

ORDERING, PAYING & SHIPPING INFORMATION

Mastercard, Visa, Discover, American Express, Money-Order, Certified Check, (personal check up to $15,000.00 with name imprinted on check) accepted.

Orders by Mail—Please print name, address and phone number clearly. (Orders without phone numbers may be delayed.) NY residents please add appropriate sales tax.

All items are covered by original manufacturer's full USA warranty and come complete with all the accessories as supplied by the mfg. Prices valid thru **June 19, 1999** subject to supplier pricing. Not responsible for typographical errors.

7 day money back guarantee (with prior approval only) minus freight charges if returned in mint condition, in original packaging, with unfilled warranty cards.

Shipping, handling and insurance charges are additional.

Shipping Methods—(excluding P.O. boxes will be shipped via airmail) in the Continental U.S.A. will be via FedEx Saver. Alaska, Hawaii via FedEx Economy. Oversized items via truck.

FedEx Saver—Minimum $6.95 up to 1 lb. add 75 cents for each additional lb.

Insurance is 50 cents per $100.

14-DAY CUSTOMER SATISFACTION GUARANTEE ON PHOTO EQUIPMENT

B&H

PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL:
800-947-9953
212-444-6653

OR FAX (24 HOURS):
800-947-7008
212-239-7770

WE WILL BE CLOSED MAY 21

On the Web: http://www.bhphotovideo.com

BINOCULARS/SCOPES

QUICK DIAL 632

Night Owl Optics

NIGHT VISION
NZT-1 w/Infrared and Camera Adapter.....164.95
CB-4 Compact Binocular w/Infrared.........399.95
NOCC3 3.1x Mag. w/IR.........199.95
NOCU2 2x Mag. w/IR.........199.95

SWAROVSKI OPTIK

ALL FULLY WATERPROOF
SLC ROOF PRISM COMPACT
7x30 • 8x30 III • 8x50 • 8x56 • 7x42 • 7x50 • 10x42 •10x50
Suspenders for SLC Binoculars.........16.95
POCKET ULTRA • 8x20 • 10x25
TELESCOPES
AT-80 HD Angled • ST-80 HD Straight
OCULAR EYEPIECES F/TELE
15x • 22x • 30xww • 20-60x • Camera Adapter
CALL FOR PRICES

Leica

USA AUTHORIZED DEALER

COMPACTS Life Time Warranty
8x20 BCA Rubber Armored.........CALL
8x20 PCT Titanium.........CALL
8x20 BC.........CALL 10x25 BC.........CALL
10x25 BCA Rubber Armored.........CALL
NEW GENERATION STANDARD w/Case
3-Year Passport Life Time Warranty
• 7x42 BA • 8x32 BA • 8x42 BA
• 10x32 BA • 10x42 BA • 8x50 BA
• 10x50 BA • 12x50 BA • 7x42 BD Geovid
CALL FOR PRICES
SPOTTING SCOPE 3-Year Passport 5-Year Warranty
Spotting Scope Televid 77 Straight.........CALL
Spotting Scope APO - Televid 77.........CALL
Spotting Scope Televid 77 Angled.........CALL
Occular Eye PC 20x 40x 20-60x......CALL

Nikon

Travelite IV
7x20 CF.........59.95 8x23.........69.95
10x25.........79.95 12x25.........99.95
Diplomat Series
8x23 RC AS Diplomat...149.95 10x25....159.95
Sports & Marine Waterproof
7x50 Sports and Marine WP.........199.95
7x50 Sports & Marine w/compass, WP....259.95
E Series
7x35 E.........244.95 8x30 E.........259.95
Superior E
8x32 ..469.95 10x42....599.95 12x50 ....649.95
Sprint II
7x21.........57.95 8x21.........56.95
9x21.........59.95 10x21.........59.95
Sky and Earth
8x30 D IFRC Trailblazer.........369.95
Compact Waterproof Mountaineer II
8x25.........159.95 10x25.........189.95
Field Scopes
F. Scope Body.........334.95
ED Body.........599.95
Eyepiece 15x, 40x, 20x.........Ea. 79.95
24x Wide Angle.........144.95
30x WA.........144.95 20-45x.........164.95
40x WA.........159.95 60x WA.........174.95
Photo Attachment F/Field Scopes.........139.95
20x Nature Scope.........339.95
Water Resistant Spotting Scopes
20x60 w/Eyepiece.........179.95
15-45x60 Zoom w/Eyepiece.........269.95
15-45x60 Zoom w/Eyepiece & Tripod......294.95
20x Eyepiece......39.95 25x WA.........69.95
15x45 Zoom Eyepiece.........119.95
Waterproof Spotters
16-47x60 Spotter XL, WP.........379.95
16-47x60 Sptr XL, WP Kit w/Tripod & Case 409.95

OLYMPUS

PORRO PRISM
7x20 PC.........39.95 9x20 PC.........49.95
PC II Sahara
8x24.....79.95 10x24.....84.95 12x24 ...89.95
RC II Out Back
8x22.........84.95 10x25.........94.95
EXPS Pathfinder
8x42.........119.95 7x50.........129.95
10x42.........129.95 12x50.........139.95
RF Stylus Vision
6x12.........149.95 8x15.........169.95

ZEISS

USA Lifetime Warranty

WATERPROOF
DESIGN SELECTION Pocket w/Case
6x18.........CALL 8x20.........CALL
10x25.........CALL
Rubber Armored w/Pouch
7x45.........CALL 8x30.........CALL
8x56.........CALL 10x56.........CALL
CLASSIC Pocket w/Pouch
8x20.........CALL 10x25.........CALL
Rubber Armored
w/P= w/Pouch, S/C= Self Contained, w/C= w/Case
7x42 w/P.........CALL 8x30 IF S/C.........CALL
8x30 CF w/P.......CALL 8x56 w/C.........CALL
10x40 w/P.........CALL
15 x 60 CF S/C.........CALL
20 x 60 w/Aluminum Case.........CALL
MONOCULARS
Design Selection
4x12 w/P.........CALL 6x18 w/P.........CALL
8x20 w/P.........CALL 10x25 w/P.........CALL
20x60 GA w/P.........CALL
Mini Quick 5x.........CALL

BUSHNELL

Yardage Pro 400 Laser Rangefinder.........CALL
Yardage Pro 600 ...CALL Yardage Pro 800....CALL
POWER VIEW SERIES
7x35.........39.95 8x21.........22.50
10x25.........29.95 10x50.........49.95
7-15x35 Zoom..69.95 7-21x40 Zoom......74.95
VOYAGER TELESCOPES
440x60 Refractor.........99.50
470x60 Refractor.........144.95
570 x 60 Rotary Compact.........149.95
675 x 45 Reflector.........249.95
BIRDER/NATUREVIEW
8x40 • 8x42 • 10x42 • 8x30 **CALL FOR PRICES**

PENTAX

COMPACT UCF
8x24.........74.95 10x24.........79.95
12x24.........89.95 16x24.........99.95
8-16x21 Zoom 129.95 8-20x24 Zoom....159.95
ULTRA COMPACT UCF
8x21.........54.95 10X21.........59.95
PORRO PRISM PCF
7x35.......99.95 7x50....119.95 8x40.....119.95
10x50.........129.95 12x50.........139.95
16x50.........139.95 20x50.........159.95
ROOF PRISM DCF
7x20.....114.95 8x22MC 149.95 8x42HR .219.95
10x25MC.169.95 10x42HR 259.95 12x42HR .295.00
NEW! FB POCKET
8x18.........CALL 10x18.........CALL
WEATHER RESISTANT UCF
8x24.........95.50 10x24.........104.95
NEW! WATERPROOF
8x42 DCF.......389.95 10x42 DCF.........449.95
Field Bag & Bird Book.........9.95

BAUSCH & LOMB

Elite Waterproof • 7x24 • 8x42 • 10x28 • 10x42
CALL FOR PRICES

STEINER GERMANY

8x30 Firebird T ...CALL 12x40 Firebird.......CALL
8x24 Rocky.......CALL 10x28 Rocky.........CALL
12x28 Rocky.....CALL 8x22 Miniscope....99.95

Canon

w/Case & Strap
ULTRA COMPACT • 8x22A • 8x23A • 10x25A
• 7x17FC.........74.95 • 5x17FC.........59.95
Waterproof • 8x32WP • 8x23 AWP.........CALL
Image Stabilizer • 12x36 • 15x45.........CALL
Image Stabilizer • 10x30.........CALL

MINOLTA

Ultra Compact Series II
6x16.........79.95 8x18.........89.95
Compact Series
8x25.........54.95 10x25.........59.95
Pocket Series
8x22.........54.95 10x25.........59.95
8x25.........79.95 10X25 WP.........94.95
Classic Series
7x35.........49.95 7X50.........59.95
8x40.........52.95 10X50.........59.95
NEW! Activa Compact
8x25 ....79.95 10X25....84.95 12x25.....99.95
7x35 ..114.95 7x50....129.95 8x40.....127.50
10x50.........139.95 12x50.........146.50
Zoom
8-22x27.........124.95 10-30X27.........139.95

TRIPODS, BALL HEADS AND ACCESSORIES

QUICK DIAL 633

Velbon

Carmagne 640-Carbon Fiber (Legs only)..439.95
Carmagne 630-Carbon Fiber (Legs only)..379.95
VICTORY 550 The Grounder Photo Tripod...64.95
CHASER SERIES
EL3-A...54.95 EFL3-A..64.95 EFL4-A....79.95
w/Panhead & Quick Release f/the Chaser add 34.95
Q.R. w/XL Camera Platform.........49.95
(Q.R. Platform f/XL) Extra Plate.........29.95
Q.R. f/35mm Camera.........39.95
(Q.R. Camera Platform) Extra Plate.........22.95
Macro Slider.........89.95
DH20/4 Compact Tripod.........46.95

SLIK

MINI-PRO
Mini Pro II.........27.95 Mini Pro.........41.95
Mini.........20.95
NEW! Improved! Compact XL.........28.95
NEW! Snapman Deluxe (Green Color).........99.95
UNIVERSAL
U212 Dlx.........79.95 U5000.........24.95
U8000.........39.95 U6000.........29.95
U9000 ..44.95 700 DX..169.95 300 DX ...99.95
322 AF II.........199.95 **NEW!** 500 DX.....129.95
MONOPODS
EZ-Pod Jr.........37.95 Slim Pod.........19.95
Light Pod.........44.95 E-Z Pod.........49.95
Pro-Pod.........89.95
VIDEO TRIPODS 505 QF.........169.95
OUTDOOR/SPORTS 444 Sport II.........114.95
PROFESSIONAL Master Classic.........119.95
TRIPOD HEAD & ACCESSORIES
Compact Ballhead....24.95 Standard.........39.99
Pro Ballhead.........79.95 Pro 800.........89.95
Superball Head 239.95 Clamp Pod.........19.95
AF 2100 Pistol Grip Head.........59.95
Lens Caddy.......17.95 Flash Caddy.........33.50

LINHOF

Quick Dial #622

PRO BALL HEADS AND ACCESSORIES
Pro 01.........106.00 Pro 1.........158.00
Profi II w/42mm Top.........275.00
Profi II w/77mm.........280.00
Profi III w/42mm Top.........549.00
Profi III w/77mm.........555.00
Profi w/Quick Fix
Profi II.........369.00
Profi III.........653.00
Quick Fix I w/Plate (Small).........129.00
Quick Fix II w/Plate (Large).........134.00
Spare Plates.........39.95

BENBO

Benpod 95XL Monopod (68").........68.99
Trekker Monopod (60-1/2").........46.95
Standard Tri-Pak.........310.50
Standard #1 (62") Tripod.........206.99
XL #2 (97") Tripod.........231.50
Low Boy EL #4 (45") Tripod.........220.95
Trekker 35 #7 (64") Tripod.........158.95
Trekker Tri Pak Tripod with Ball Head and Case.........255.50
Trekker Pan Ball Head.........96.95
Standard Ball Head.........65.95

BALL HEADS

Quick Dial #634

STUDIOBALL
SB QR Quick Release Model.........309.95
SB 14 Fixed Panorama 1/4" & 3/8.........299.95
NEW! Miniball w/Quick Release.........219.95
NEW! Miniball w/ Fixed 1/4" & 3/8 Rev.....189.95
Plates For Quick Release.........39.95
ARCA MONO - BALL
B-1 Monoball w/Quick Release.........399.95
B-1E Economy w/Quick Release.........309.95
B-1G Giant w/Quick Release.........499.95
B-2 Monoball w/Quick Release.........649.95
Arca Swiss Original Q.R. Plates.........52.95
KAISER PROFESSIONAL
All ballheads are reversible 1/4" & 3/8"
Small.........69.95 Medium.........199.95
Large....239.95 Large w/Quick release...319.95
KAISER QUICK RELEASES
Small......27.50 Large....36.95 Pro.....124.95
Extra Plate.........19.95 Extra Plate f/Pro .44.95
BROMWELL
Small.........159.95 Professional HD 394.95
Extra Plates.........38.95 Extra Plates f/Pro .88.95

FOBA SUPER BALL
Mini Super Ball.........209.00
w/Quick Release.........255.00
Ballo Standard w/3/8" or 1/4" Thread.......393.00
Balla Quick Release Model.........410.00
Plates for Quick Release.........54.00
NEW! GIOTTO PRO
Large 26.5 lbs. .149.95 Large 22 lbs. 109.95
Med. 17.6 lbs. ....89.95 Compact 13 lbs. .59.95
Small 8.8 lbs.........39.00
STROBOFRAME
Compact.........16.95 Standard.........29.50
Deluxe Studio.....44.95 Onyx PL-1.........59.95
Onyx PL-2.........SPECIAL! 69.95
MISCELLANEOUS BRANDS
Bilora 1030 Med.........49.95
Bilora 1050 Lg.........89.95
N.P.C. Pro Ball Head.........229.95
N.P.C. Pro Ball Head w/Q.R. & plates.......284.95
Novoflex Mini Ball Head.....159.95 Pro.....249.95
F&L Ball Head.........299.95
Sachtler w/Quick Release.........338.95

bogen

3405 Junior Tripod w/3-Way Pan Head 69.95

NEW! 3205G Tracker Tripod w/3030G Head..162.00
NEW! 3221G Tracker Tripod w/3130G Head..210.00
***G = Green**

	3001	3011	3021	3401	3221W	3033	3036	3046	3051
Legs Only w/o Head	65.50	79.95	98.95	108.00	129.95	154.95	173.95	149.95	199.95
w/3025 Head	85.95	100.50	119.50	128.50	150.50	175.50	194.50	170.50	220.50
w/3028 Head	94.95	109.95	128.50	137.50	159.50	184.50	203.50	179.50	229.50
w/3029 Head	106.95	120.95	139.95	149.50	170.95	195.95	214.95	190.95	240.95
w/3030 Head	113.95	127.95	146.95	156.50	177.95	202.95	221.95	197.95	247.95
w/3047 Head	127.95	142.50	161.50	170.95	192.50	217.50	236.50	212.50	262.50
w/3063 Head	161.95	176.50	195.50	204.95	226.50	251.50	270.50	246.50	296.50
w/3126 Head	117.95	132.50	151.50	160.95	182.50	207.50	226.50	202.50	252.50
w/3130 Head	123.95	137.95	156.95	166.50	187.95	212.95	231.95	207.95	257.95
w/3160 Head	117.95	132.50	151.50	160.95	182.50	207.50	226.50	202.50	252.50
w/3265 Head	129.95	144.50	163.50	172.95	194.50	219.50	238.50	214.50	264.50

For above tripods in black anodized finish.........add 12.95

CINE-VIDEO TRIPODS

	3061	3068	3141	3181	3185	3190	3191	3058	3283
Legs Only w/o Head	214.95	182.95	299.95	174.95	220.95	314.95	314.95	294.95	299.95
w/3063 Head	311.50	279.50	424.95	271.50	317.50	411.50	411.50	391.50	424.95
w/3066 Head	522.50	490.50	624.95	482.50	528.50	622.50	622.50	602.50	624.95

MONOPODS

	3016	3018	3230
w/o Head	28.95	37.50	63.95
w/3025	48.50	54.95	84.50
w/3232	39.95	49.95	76.50

3006 Lt. Weight..24.95 3245 Auto Black .63.95
3249 4-Section Compact Monopod.........37.95
3425 Prof. Video Monopod.........61.95
For Black Monopods Add.........6.95

BALL HEADS
3009 Mini Ball Head.........23.50
3026 Double Action Ball Joint Head.........31.50
3262 Medium Ball Head.........29.95
3262QR Med. Ball Head w/Quick Release ...42.95
3055-S Hvy Duty Single Action Ball Joint Head.34.95
3055 Heavy Duty Ball Joint Head.........42.95
3413 Di y Ball Head.........43.50
3038 Super Mono-Ball Head.........143.95
3265 Grip Action Ball Head.........65.95

SPECIAL CAMERA SUPPORTS
3007 Table Top w/o Head.........12.95
3008 Table Top w/Mini Ball Head.........33.95
3292 Car Window Pod.........22.50
3293 Car Window Pod w/Head.........43.95

PHOTO/VIDEO HEADS
3025 "3-D" Head.........20.95
3028 Super "3-D" Head.........29.95
3029 Pan Tilt Head.........41.50
3030 Pan Tilt Head w/Quick Release.........48.50
3039 Super Pro Head.........131.95
3047 Deluxe 3-Way Panhead.........62.95
NEW! 3410 #329 3-Way Pan Head.........67.95
3057 Deluxe 3-Way Camera Head w/4"x4" Plate.127.95
3063 Mini Fluid Head.........96.95
NEW! 3433 #501 Fluid Head w/Q.R.........114.95
3066 Cine/Video Fluid Head.........307.95
3147 510 Pro Video Head.........714.95
3147-10 #510-10 Pro Video Head.........714.95
3274 #316 Video Head.........539.95
3126 Micro Fluid Head.........52.95
3130 Micro Fluid Head w/Quick Release 58.50
3160 XL Fluid Head w/Quick Release.........52.95
3229 Swivel Tilt Head w/Quick Release......24.95
3232 Swivel Tilt Head.........12.95
3275 Mini Geard Head w/Q.R.........138.95
3263 Deluxe Geared Head w/Quick Release ..439.95
3414 Panoramic Head.........104.95
3415 Panor. Head & QTVR System.........259.95
3418 QTVR-Plus Head System.........354.95

TRIPOD ACCESSORIES
3127 Portable Video Dolly.........83.95
3056 Auto Dolly Black.........91.95
3137 Variable Leg Spread Portable Dolly ...94.00
3156 Folding Auto Dolly.........129.95
3254 Folding Auto Dolly Black.........139.95
3067 Cine/Video Deluxe Dolly.........199.95
3198 Video DLX Dolly F/Tripods w/Spiked Ft...199.95
7000 Roll-Pod.........314.95
3279 Tripod Bag 25" (3001 Series).........29.95
3280 Tripod Bag 35" (3011, 3021, 3033) ..36.95
3281 Tripod Bag 45" (3036, 3046, 3051) ..46.95
3282 Tripod Bag 46"x9" (3190 w/Heads)...69.95
3282-S Tripod Bag for 3141 and 3283.......57.95
3285 Hard Case 6x6x44".........139.95
3286 Hard Case 9½"x9½"x44".........154.95
3044 Tripod Caddy Strap.........20.95
3059 Side Arm for All Tripods.........39.95
3146 Tripod Utility Apron.........22.50
3153 Double Head Support.........58.95
3252 Long Lens Support.........39.95
3420 Telephoto Lens Support.........49.95
3421 Heavy Telephoto Lens Support.........109.95
3255 All Weather Tripod Shoes (3).........17.95
3256 Spiked Foot Adapters.........14.95
3270 Low Profile Q.R. Adap. w/3271 Plate .24.95
3299 Compact Q.R. Adap. w/3266 Plate 24.95
3273 Pro Quick Release.........33.50
3296 Quick Release.........32.95

GITZO

We Stock the Complete Line!

Lifetime Warranty authorized USA dealer.

WEEKEND SERIES O
00-11 Table Top.........92.00
01.........132.95 026.........213.95
SPORT SERIES I
101....152.00 106......160.00 112....267.99
118....267.99 120......207.99 126....211.99
REPORTER SERIES 2
NEW! G-80 Anniv. Tripod w/Head.........390.50
201....165.95 212......323.99 218....311.99
220....239.99 224......251.99 226....259.99
228....416.50 1227 Carbon Fiber.........526.95
Carbon Fiber.........553.95

STUDEX SERIES 3
312.....410.95 320.....307.99 326.....385.95
BALL HEADS
075.........58.95 175.........69.95
575.........299.95 1175.........86.95
1275...114.95 1275 Magnesium.........130.95
1375.........159.99 1376.........199.99
1575.........211.99 1576.........234.95
SHORT COLUMN
135.........27.95 235.........29.95
335.........31.95 435.........36.95

INTER PRO, PRO, TELE, STUDEX SERIES

w/o Column		w/Rapid Column		w/Geared Column	
340 Inter Pro	297.95	341 Inter Pro	377.95	342 Inter Pro	523.95
345 Inter Pro	346.95	346 Inter Pro	426.95	347 Inter Pro	573.95
410 Pro	339.99	411 Pro	421.95	412 Pro	619.95
415 Pro	337.95	416 Pro	418.95	417 Pro	617.95
500 Tele	410.95	501 Tele	491.95	502 Tele	690.95
504 Tele	551.95	506 Tele	491.95	507 Tele	690.95
505 Tele	410.95	508 Tele	633.95	509 Tele	831.95

NEW! CARBON FIBER
1325.........660.50 1329.........713.95
G1337 Alum-Alloy Video Tripod.........331.91
1338 Video.........839.95 1348.........799.95
1349.........853.95 1548.........893.95
PAN & TILT HEADS
270.........74.95 1171.........122.95
1172 w/Q.R..........143.99
1270.........110.95 1276 w/Q.R......150.95
1370.........167.99 1371.........149.95
1372 w/Q.R......163.95 1570.........213.95
1571.........193.95
NEW! PRO VIDEO HEADS
1380-6.706.95 1380-7..706.95 1380-10..706.95
MONOPODS
558.....243.99 566......109.95 1560.....96.00
1561.....80.00 1563......97.95 1563L .108.95
1564...104.00 1564L..113.95 1565...173.95
1568 Carbon Fiber Reporter.........194.95
NEW! G1588 Mountaineer Tele-Studex Carbon Fiber.........233.50

CORPORATE ACCOUNTS WELCOME

VIDEO and PRO AUDIO

Cards

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

New Address:
420 Ninth Ave. (Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

W/KP = with Kodalux Processing
W/FP = with Fuji Processing

QUICK DIAL 61

BLACK & WHITE AND COLOR FILM

FUJI BLACK & WHITE AND COLOR FILM

FUJICOLOR PRINT

	CN 100 SUPERIA	CA 200 SUPERIA	CH 400 SUPERIA	CZ 800 SUPER G PLUS	CZ 800 SUPERIA	CU 1600	CS 100 REALA
24	1.79	1.99	2.39	—	—	—	2.79
24 w/KP	8.28	8.48	8.88	—	—	—	9.28
36	1.99	2.19	2.89	3.49	3.99	3.79	2.89
36 w/KP	10.38	10.58	11.28	11.88	12.38	12.18	11.28
120	2.69	—	—	—	—	—	2.49

SENSIA SLIDE

	RA100	RM200	RH400
24	—	2.99	3.99
24 w/KP	—	6.36	7.36
36	3.09	3.49	4.19
36 w/FP	6.38	6.78	7.48
36 w/KP	7.38	7.78	8.48

4x5 QUICKLOAD

20 SHEETS

Velvia RVP 50	51.95
Provia 100	51.95
RTP 64	49.95
Astia 100	51.95

Quickload Film Holder....104.95

NEOPAN B&W PRINT

	400	1600
36	2.44	3.19
w/KP	10.83	11.58
100 ft.	34.95	—
120	2.25	—

FILM SPECIALS

BLACK & WHITE

- Fuji Neopan 100-36 ....**1.99**
- Konica Monochrome 400-24 **3.95**
- Kodak Rapid Process Copy 36.**9.95**
- Macophot Ortho 25 ASA-36 **3.95**
- Macophot Ortho 25 120......**4.95**
- Kodalith Ortho 100'...........**45.95**

COLOR SLIDE

- Scotch 100-36 ....**2.99**
- Kodak EPR-100 #653....................**49.95**

COLOR PRINT

- Agfa HDC 200-24 ....**1.99**
- Fuji FP-100C 10 Pack Glossy **11.99**

FUJICOLOR PROFESSIONAL PRINT

	NPS 160 (D)	NPL 160 (T)	NPH 400	NHG II 800	CDU II DUPE	INTERNEG
135-36	2.49	—	3.99	5.79	—	—
36 w KP	10.88	—	12.38	14.18	—	—
100ft.	42.75	—	—	—	42.95	74.95
120	2.25	3.39	2.54	3.79	—	—
220	5.39	—	5.69	7.59	—	—
4x5-10	15.95	16.95	—	—	—	16.89
4x5-50	71.95	73.95	—	—	67.95	74.95
8x10-10	58.95	59.95	—	—	—	62.95
8x10-50	—	—	—	—	257.95	290.95

APS SMART FILM

	DS-100	DA-200	DH-400
25	4.39	3.85	3.59
wFP	13.38	12.84	12.58
wKP	13.38	12.84	12.58
40	5.49	3.79	3.89
wFP	18.98	17.28	17.38
wKP	19.18	17.48	17.58

PROFESSIONAL SLIDE FILM

	VELVIA RVP 50	RTP 64	PROVIA 100	PROVIA 400	PROVIA 1600	ASTIA 100	RMS 100/1000
135-36	4.99	4.99	4.89	6.19	6.89	3.79	7.49
36 w FP	8.28	8.28	8.18	9.48	—	7.08	—
36 w KP	9.28	9.28	9.18	10.48	—	8.08	—
100ft.	74.95	86.95	73.95	102.89	—	69.95	99.95
120	3.15	3.29	3.49	4.19	—	3.19	4.69
220	6.79	—	6.59	—	—	6.49	9.95
4x5-10	18.95	17.95	18.95	—	—	17.95	—
4x5-50	86.95	82.95	85.95	—	—	83.95	—
8x10-10	71.95	68.95	70.95	—	—	69.95	—
8x10-50	334.95	319.95	329.95	—	—	329.95	—

ILFORD PROFESSIONAL B&W FILM

	PAN F+ 50	FP4+ 125	HP5+ 400	XP-2 400	XP-2 SUPER	DELTA 100 PRO	DELTA 400 PRO	SFX 200 EXTENDED RED RANGE
24 Exp.	—	2.09	2.09	—	2.69	2.30	2.59	—
24 w KP	—	8.58	8.58	—	9.18	8.79	9.08	—
36 Exp.	2.89	2.69	2.49	2.69	3.39	3.39	3.69	5.75
36 w KP	11.28	11.08	10.88	11.08	11.78	11.78	12.08	—
100ft.	25.50	24.95	25.95	—	29.95	36.95	34.95	—
120	2.09	1.99	1.99	—	2.19	2.39	2.59	4.95
220 PP	—	23.75	24.50	—	—	—	27.95	
4x5.25	—	14.95	14.95	—	15.95	15.29	15.95	
4x5.100	—	55.95	55.95	—	59.95	56.95	59.95	
5x7.25	—	24.95	24.95	—	—	—	25.95	
8x10.25	—	48.95	48.95	—	53.95	49.95	51.95	
11x14.25	—	97.95	97.95	—	—	—	—	

DELTA 3200
36.....4.99
120...3.49

KODAK BLACK & WHITE AND COLOR FILM

70MM FILM

	TRI-X 400	VPS 160
	USA R.	USA R.
15 FT. Perf. #488	22.95	21.95
100 FT. Perf. #475	—	92.50
100 FT. #473	—	92.50

4x5 READY LOAD

20 Sheets

TMX 100	EPP-100 Daylight	EPY-64 Tungsten	
USA	USA	USA	
33.95	49.95	46.95	
PRN 100	**E100S**	**E100SW**	**PORTRA 160 VC**
USA	**USA**	**USA**	
48.95	48.95	48.95	51.95

Ready Load Packet Film Holder...........................**49.95**

PROFESSIONAL COLOR NEGATIVE PRINT

NEW! PORTRA

	PRO-100T	PRN-100	VPS-160	VPS-160	PMC-400	PPF-400	PMZ-1000	160NC	160NC	160VC	160VC	400NC	400NC	400VC	400VC
	USA R.	USA R.	IMP.	USA R.	USA R.	USA R.	USA R.	IMP.	USA	IMP.	USA	IMP.	USA	IMP.	USA
36	—	5.35	3.99	4.95	5.65	5.59	6.30	4.29	5.50	4.29	5.50	4.99	5.79	4.99	5.79
36 w/KP	—	13.74	12.38	13.34	14.04	13.98	14.69	12.68	13.89	12.68	13.89	13.38	14.18	13.38	14.18
36 PP	—	—	—	—	28.25	27.95	—	21.45	27.50	21.45	27.50	24.95	28.95	24.95	28.95
100 ft	—	—	—	40.95	43.95	—	—	—	42.95	—	—	—	43.95	—	—
120	3.49	3.29	2.99	3.39	3.49	3.49	3.95	3.39	3.69	—	3.49	—	—	—	—
120 PP	17.45	16.45	14.95	16.95	17.45	17.45	—	16.95	18.45	—	17.45	—	17.99	—	17.99
220 PP	—	33.95	—	33.90	33.95	34.90	38.95	—	34.90	—	34.90	—	36.60	—	36.60
4x5-10	17.49	16.45	—	16.95			—	—	17.49	—	17.49	—	19.95	—	—
4x5-50	78.95	73.95	—	73.40			—	—	82.45	—	82.45	—	—	—	—
5x7-10	32.95	—	—	—			—	—	—	—	—	—	—	—	—
5x7-50	—	—	—	136.49			—	—	—	—	—	—	—	—	—
8x10-10	65.95	62.95	—	60.59			—	—	69.95	—	69.95	—	79.95	—	—

VPS 220 PP
USA
29.95

FUJI DISPOSABLE CAMERAS

- Quicksnap 400 24 Exp. **3.99**
- Quicksnap 800 24 Exp. **4.65**
- Quicksnap 800 with Flash.................**6.49**
- Panorama **7.49**
- Panorama w/Flash **12.99**
- Waterproof 800.......**8.79**

KODAK DISPOSABLE CAMERAS

- One Time Use..............**4.39**
- One Time Use w/Flash.**6.99**
- Waterproof 35 ....**7.75**
- Panoramic......**6.69**
- Wedding Edition 5 Pack **39.95**

KODAK MAILERS

PRINTS

- DP-12............**4.49**
- DP-24............**6.49**
- DP-36............**8.39**
- DP-15 (Disc) .**3.99**
- DPD 12/24 for Disposables.**7.85**
- PP-1218......**11.99**

SLIDES

- PK-12 (120) ..**5.99**
- PK-24............**3.37**
- PK-36............**4.29**
- ESP-1 ....**2.69**
- PK-59 Movie .**5.59**

APS MAILERS

- APS-15 ...**7.79**
- APS-25 ...**8.99**
- APS-40 .**13.69**

FUJI MAILERS

- Fuji Slide 36 ....**3.29**

APS

- 15 Exp.....**7.49**
- 25 Exp.....**8.99**
- 40 Exp...**13.49**

MOVIE PROCESSING

Super 8 and 16mm 100 ft.

- B&W.......................................**9.95**
- Ektachrome **14.95**

MOVIE FILM

SUPER 8 SILENT 50 FT.

- Kodachrome-40 KMA-464...**10.95**
- Plus-X PXR-464 ....**11.95**
- Tri-X TXR-464 ....**11.95**

16MM 100 FT. SINGLE PERF

- Plus-X PXR-455 ....**23.95**
- Ektachrome 160D VND-455.**29.95**
- Ektachrome 125T VNF-455..**29.95**
- Ektachrome 400T VNX-455 .**29.95**

ADVANTIX APS

	AA-100	AB-200	AC-400
15	—	2.69	—
wKP	—	10.48	—
wFP	—	10.18	—
25	2.95	2.99	3.75
wKP	11.94	11.98	12.74
wFP	11.94	11.98	12.74
40	3.99	3.79	4.39
wKP	17.68	17.48	18.08
wFP	17.48	17.21	17.88

- 400 B&W 25...............................**4.99**
- 400 B&W 25 w/KP **13.98**

ROYAL GOLD PRINT

ADVANCED T-GRAIN TECHNOLOGY

	RA-100	RA-100	RB-200	RB-200	RC-400	RC-400	RF-1000	RF-1000
	IMP.	USA	IMP.	USA	IMP.	USA	IMP.	USA
24	3.25	3.69	3.79	3.95	3.69	4.39	4.69	5.29
24 w/KP	9.74	10.18	10.28	10.44	10.18	10.88	11.18	11.68
36	3.79	4.35	3.99	5.19	4.49	5.45	—	—
36 w/KP	12.18	12.74	12.38	13.58	12.88	13.84	—	—

EKTAPRESS PRINT

	PJ-100	PJ-400	PJ-800
	USA	USA	USA
36	3.29	3.49	4.19
36 w/KP	11.68	11.88	12.58

KODACHROME SLIDE

	KM-25	KR-64	KL-200
	USA	USA	USA
24	—	3.99	—
24 w/KP	—	7.36	—
36	5.95	4.19	7.05
36 w/KP	10.24	8.48	11.34

KODACHROME PROFESSIONAL SLIDE

	PKM-25	PKR-64	PKL-200
	USA	USA	USA
135-36	8.49	8.49	9.29
135-36w/KP	12.78	12.78	13.58
135-36 (50)	—	—	—

KODACOLOR COLOR NEGATIVE PRINT

	GA-100	GA-100	GB-200	GB-200	GC-400	GC-400	GT MAX-800	GT MAX-800
	IMP.	USA	IMP.	USA	IMP.	USA	IMP.	USA
24	1.69	2.99	1.95	3.39	2.05	3.65	—	3.95
24 w/KP	8.18	9.48	8.44	9.88	8.54	10.14	—	10.44
36	2.09	3.79	2.49	4.19	2.49	4.49	3.59	4.99
36 w/KP	10.48	12.18	10.88	12.58	10.88	12.88	11.98	13.38
120	—	1.99	—	—	—	—	—	—

EKTACHROME SLIDE

	Elite II EA-50	Elite Chrome EB-100	Elite Chrome EB-100	EBX-100	Elite Chrome ED-200	Elite Chrome ED-200	Elite Chrome EL-400	Elite Chrome EL-400	ET-160	ET-160
	USA	IMP.	USA	USA	IMP.	USA	IMP.	USA	IMP.	USA
24	—	3.35	4.29	4.89	4.79	5.35	—	5.99	—	—
24 w/KP	—	6.72	7.66	8.26	8.16	8.72	—	9.36	—	—
36	6.49	3.49	4.49	4.99	4.89	6.75	5.69	—	5.69	7.09
36 w/KP	10.78	7.78	8.78	9.28	9.18	11.04	9.98	—	9.98	11.38
36 w/FP	9.78	6.78	7.78	8.28	8.18	10.04	8.98	—	8.98	10.38

FILM ACCESSORIES

- Watson 35mm Bulk Loader..**15.95**
- Alden #74 35mm Loader......**29.95**
- 70mm Metal Cassette 15'.....**38.95**
- Snap Film Cassette.....................**.32**
- Plastic Cassette ....**.45**
- Kodak Snap Caps................ea **.99**
- Film Shield (20 Rolls)...........**10.50**
- Film Shield (60 Rolls)...........**17.95**
- Film Shield Super (20 Rolls) **19.95**

PROFESSIONAL EKTACHROME COLOR SLIDE

	EPR-64,6117	EPR-64,6117	EPP-100,6105	EPP-100,6105	EPN-100,7058	EPN-100,7058	E-100S	E-100S	E-100SW	E-100SW	E-200	E-200	EPL-400	EPL-400	EPH-1600	EPH-1600
	IMP.	USA	IMP.	USA	IMP.	USA	IMP	USA	IMP.	USA	IMP.	USA	IMP.	USA	IMP.	USA
135-36	4.99	6.99	5.49	6.29	6.99	8.49	4.99	5.99	4.99	5.99	6.49	7.49	—	8.79	8.99	10.59
135-36 w/KP	9.28	11.28	9.78	10.58	11.28	12.78	9.28	10.28	9.28	10.28	10.78	11.78	—	13.08	—	—
135-36 w/FP	8.28	10.28	8.78	9.58	10.28	11.78	8.28	9.28	8.28	9.28	9.78	10.78	—	12.08	—	—
135-100 ft	—	74.95	—	69.95	—	69.95	—	87.95	—	69.95	—	89.95	—	107.95	—	—
120	—	3.99	—	3.69	—	4.59	—	3.89	—	3.99	4.29	4.50	—	5.30	—	—
120PP	—	19.95	—	18.45	—	22.95	—	19.45	—	19.95	21.45	22.50	—	26.50	—	—
220PP	—	47.95	—	43.95	—	44.95	—	39.95	—	39.95						
4x5-10	—	20.49	—	18.95	—	19.25	—	18.95	—	18.95						
4x5-50	—	93.50	—	87.95	—	86.95	—	85.95	—	85.95						
5x7-10	—	39.49	—	36.95	—	36.95	—	—	—	—						
8x10-10	—	77.95	—	72.95	—	72.95	—	71.95	—	71.95						
8x10-50	—	359.95	—	334.95	—	334.95	—	332.95	—	332.95						

INFRARED EIR
USA
17.49
E-6 Process

LUMIERE
LPP-100 USA
8x10 (50) 99.95

IMP = Imported from European countries.

USA = Made in USA but does not qualify for Pro-Rewards.

USA R. = Made in USA and qualifies for Pro-Rewards where applicable.

PROFESSIONAL TUNGSTEN SLIDE

	EPY-64, 6118	EPY-64, 6118	EPT-160	EPT-160	EPJ-320	EPJ-320
	IMP.	USA	IMP.	USA	IMP.	USA
135-36	—	7.99	7.99	8.99	8.39	8.99
135-36w/KP	—	12.28	12.28	13.28	12.68	13.28
135-36 w/FP	—	11.28	11.28	12.28	11.68	12.28
135-100ft	—	69.95	—	76.95	—	—
120	—	3.99	—	4.65	—	—
120PP	—	—	—	23.25	—	—
220PP	—	—	—	—	—	—
4x5-10	—	18.29	—	—	—	—
4x5-50	—	83.49	—	—	—	—
5x7-50	—	145.95	—	—	—	—
8x10-10	—	68.95	—	—	—	—
8x10-50	—	322.95	—	—	—	—

PROFESSIONAL BLACK & WHITE

	TECHPAN-25	VP-125	PLUSX-125	PLUSX-125	TRI-X *400 **320	TRI-X *400 **320
	USA	USA	IMP.	USA	IMP.	USA
135-24	—	—	2.09	2.49	*1.99	*2.59
135-24 w/KP	—	—	8.58	8.98	*8.48	*9.08
135-36	5.79	—	2.59	3.09	*2.49	*3.19
135-36 w/KP	—	—	10.98	11.48	*10.88	*11.58
135-100 ft.	—	—	—	29.50	—	*26.95
135-150 ft.	59.95	—	—	—	—	—
120	4.59	2.19	—	—	*2.09	*2.24
120PP	—	—	—	12.49	—	**12.89
220PP	—	—	—	25.50	—	**26.95
4x5-25	35.95	—	—	16.95	—	**16.95
4x5-100	—	—	—	62.95	—	**62.95
5x7-100	—	—	—	99.95	—	**98.95
8x10-25	124.95	—	—	54.95	—	**54.95
8x10-50	—	—	—	106.95	—	**106.95

	TMX-100	TMX-100	TMY-400	TMY-400	TMZ-3200	INFRARED	ORTHO	TCN-400	TCN-400
	IMP.	USA	IMP.	USA	USA	USA	USA	IMP.	USA R.
135-24	1.89	2.59	1.99	2.79	—	—	—	—	2.99
135-24 w/KP	8.38	9.08	8.48	9.28	—	—	—	—	9.48
135-36	2.59	3.09	2.69	3.39	3.59	8.90	5.49	3.49	4.09
135-36 w/KP	10.98	11.48	11.08	11.78	—	—	—	11.88	12.48
135-100 ft.	—	27.95	—	27.50	—	—	45.95	—	—
120	1.95	2.19	1.99	2.29	—	—	—	2.69 USA	2.79
120PP	9.75	10.95	9.95	11.45	—	—	—	—	—
4x5-25	—	16.95	—	17.95	—	49.95	—	—	—
4x5-100	—	62.95	—	66.95	—	—	45.95	—	—
5x7-100	—	103.99	—	109.95	—	—	77.95	—	—
8x10-25	—	54.95	—	57.95	—	—	—	—	—
8x10-100	—	—	—	—	—	—	144.95	—	—
11x14-10	—	48.95	—	—	—	—	—	—	—

INTERNEGATIVE & DUPLICATING FILM

	SLIDE DUPLICATING	SLIDE DUPLICATING	SLIDE DUPLICATING	COMMERCIAL INTERNEGATIVE 4325
	5072, S0279, 4111	ESD 5071, 6121	S0366	
	USA	USA	USA	USA
135-36	6.99	6.99	6.99	—
135-36 w/KP	—	11.28	11.28	—
135-100'	65.95	42.95	59.95	81.95
135-400'	—	—	—	—
4x5-10	9.95	—	—	17.85
4x5-50	—	70.95	—	75.95
5x7-25	—	69.95	—	—
5x7-50	—	—	—	—
8x10-10	35.95	—	—	65.95
8x10-25	—	139.95	—	—
8x10-50	155.95	269.95	—	294.95

B&H
PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL:
800-947-9953
212-444-6653

OR FAX (24 HOURS):
800-947-7008
212-239-7770

EQUIPMENT LEASING AVAILABLE

On the Web: http://www.bhphotovideo.com

QUICK DIAL 634

BRONICA

Distributed by TAMRON

ETRSi

- Lightweight and compact 6x4.5 format
- 120 or 220, 35mm standard and wide frame and Polaroid • TTL auto flash with SCA adapter
- Auto, Manual, Average or Spot metering w/AE finder
- Mirror lock up and multiple exposure
- 1/500 sec. flash sync • Full accessory system
- Changeable finders, screens, film backs and lenses

Body Only **$975.00**

SPECIAL! ETRSi Kit—Includes ETRSi Body, PE75/2.8 Lens, Waist Level Finder & Ei 120 back

Complete Kit $1599.00

ETRSi w/120 Back Chrome, **LIMITED EDITION**........................ **$1335.00**

SQ BASIC

- 6x6 format SLR
- Rapid wind crank
- Electronic shutter
- Includes 80/2.8 PSB lens, 120 SQB or 220 SQB film back and W.L. finder S/B
- Interchangeable finders, screens, film backs and lenses

Kit **$1999.00**

SQ-AI

- SQ Basic's features plus • Optional motor drive
- Electronic shutter • TTL manual or auto exposure
- TTL auto flash with SCA adapter
- Complete viewfinder information
- Film back exposure compensation

Body Only **$1099.00**

SPECIAL! SQ-AI Kit—Includes SQ-Ai Body, PS80/2.8 Lens, Waist Level Finder & SQi 220 back

Complete Kit $2499.00

GS-1

- 6x7 format for studio or field use
- Advanced electronics
- Auto exposure and TTL auto flash w/AE finder
- Flash sync at all speeds
- Multi-format interchangeable film back system, 6x7, 6x6, 6x4.5 and Polaroid
- Mirror lock up and multiple exposures
- Fully automatic exposure with AE finders
- Complete line of accessories
- Interchangeable finders, screens, film backs and lenses

Body Only **$1535.00**

Mamiya®

645 PRO TL

- Medium format SLR w/35mm mobility
- 120, 220 or 35 film backs
- Quartz controlled focal plane shutter
- 4 sec. to 1/1000, bulb and time
- 3-way auto exposure w/AE finders
- TTL film plane flash control
- Optional power winders, finders, screens, backs and lenses

Body Only **$1599.00**

MAMIYA 7

- Compact 6x7 • Split image rangefinder 120 or 220
- Electronic shutter w/flash sync at all speeds 4 sec. to 1/500 second & B • LED viewfinder controls
- Aperture priority, AE w/manual override
- Interchangeable lenses • Optional 35mm panorama kit

Body Only **$1849.00**

NEW! Mamiya 7 II **1979.00**

RB67 PRO SD

- 6x7 SLR with horizontal/vertical revolving back • Bellows focusing
- Mechanical lens shutter • Flash sync at all speeds
- Includes W.L. finder, matte focusing screen
- Interchangeable lenses, finders screens and film backs • Integrated accessory system

Body Only **$1449.00**

RZ67 PRO II

- 6x7 SLR with revolving back
- Electronic shutter 8 to 1/400 second with intermediate settings
- Flash sync • Optional power winder
- Bellows focusing w/fine focus control
- Includes W.L. finder, matte focus screen
- Interchangeable lenses, finders, screens and film backs • Wide accessory system

Body Only **$1899.00**

NEW! MAMIYA PROMOTION! LIMITED TIME OFFER

PURCHASE	RECEIVE FROM MAMIYA
New 645 Pro TL Body w/any Lens, any Back and AE Prism Finder	55-110/4.5 Zoom Lens OR 105-210/4.5 Zoom Lens FREE! (up to $1800 Value)
New 645 Lens (except 80/2.8 and lens purchased with above outfit)	$100 Cash Rebate
New 645 SVII OR SVXII Pro Value Pack	Cabin 4x5 Light Panel FREE! ($80 Value)
New RZ67 Pro II OR RB67 Pro SD Body with any Lens and any Back OR with purchase of RZ67 Pro Value Pack	Polaroid Back FREE! ($500 Value)
Purchase the above PLUS any Prism Finder	Polaroid Back AND 120 or 220 Magazine FREE! ($1100 Value)
New RZ67 Pro II OR RB Pro SD Lens purchased independently of any camera purchase	Polaroid Back OR 120 or 220 Magazine FREE! ($500 Value)
New Mamiya 7 OR 7II Body	$300 Cash Rebate PLUS New 35mm Panoramic 24x65mm Adapter Kit ($200 Value) for only $25
New Mamiya 7 OR 7II Lens	$100 Cash Rebate
New Mamiya 7 OR 7II Body and 2 Mamiya 7 Lenses	Cabin 6x7 Slide Projector f/24x65mm Panorama FREE! ($1200 Value)

645 PRO

645 SVX-P/SV PACKS

645 SVX-II Pack Consists of 645 Pro Body, 80/2.8, 120 Back and Prism Finder **$1999.00**

645 SV-II Pack Consists of 645 Pro Body, 80/2.8, 120 Back, SV Power Grip and AE Reflex Viewfinder **$2699.00**

VIEWFINDERS

Waist Lever Finder..**149.00** Prism Finder.....**529.00**
SV AE Reflex Finder for 645 Pro and 645 Pro TL.......................................**529.00**
AE Prism..........**999.00** Angle Finder **249.00**
Flip Up Magnifier **169.95**
Universal Flip Up Magnifier **219.95**
Focusing Screen **44.00** Diopter **18.95**

CLOSE-UP ACCESSORIES

Auto Bellows **1249.00**
Auto Macro Spacer......................................**144.00**

645 PRO LENSES w/HOOD

***Hood N/A**

*24 f4C ....**2115.00** *35/3.5C (77ø)**1029.00**
45 f/2.8S (67ø) **839.00** *50/4 Shift (77ø)**1399.00**
55/2.8 (58ø).....**665.00** 55/2.8LS (67ø)**1619.00**
80/2.8LS (67ø)**1299.00** 80/1.9 (67ø) **665.00**
80/2.8 (58ø)...**499.00**
*80/4 Macro (67ø) **1055.00**
120/4.0 APO Macro (67ø) **1499.00**
150/2.8 (67ø).**1469.00** 150/3.5 (67ø) ..**599.00**
150/3.8 L.S. (67ø)...................................**1589.00**
200/2.8 APO (77ø)...................................**2549.00**
210/4C (58ø) **699.00**
300/5.6 (58ø)..**1329.00**
300/2.8 APO (43.5ø) **12,239.00**
500/5.6 (105ø)..**2395.00**
55-110 (67ø) .**1829.00** 105-210 (58ø)**1699.00**
Mamiya 2X ....**739.00** Kenko 2X.........**259.95**

CLEARANCE RB, RZ, C330

500/8 RB (Demo Like New) Ltd. Qty. **1999.95**
Pistol Grip Model 2.................................**69.95**
Focusing Screens f/C330S.........................**19.95**
Focusing Screens f/C330F **29.95**

MAMIYA 6MF

w/Hood

75/3.5 (58ø)...**1299.00** 150/4.5 (67ø).**1799.00**
35mm Panoramic Adapter (MF only) **189.00**
NPC Polaroid Back **929.95**
Pro-T Bracket .....**99.95** Diopters..............**18.95**
Close-Up Attachment **489.00**

MAMIYA 7

w/Hood

43/4.5 w/Optical Viewfinder (67ø) **2599.00**
NEW! 50/4.5 w/Viewfinder.....................**1949.00**
65/4 (58ø)..**1599.00**
80/4 (58ø)......**1299.00** 150/4.5 (67ø).**1799.00**
Viewfinder for 150 Lens **219.95**
35mm Panoramic Adapter.......................**189.00**
Close-Up Attachment **389.00**
NPC Polaroid Back **929.95**
Pro-T Bracket .....**99.95** Diopters.............**18.95**

FILM BACKS

120 or 220 Back.**429.00** Polaroid Back ...**429.00**
NPC Polaroid Back **284.95**
35mm Back w/Panorama Adapter.............**569.00**
Revolving Camera Stage **549.00**
120 or 220 Insert **91.95**

AUTO EXTENSION TUBES

#1 ....**119.00** #2......**129.00** #3 ....**139.00**
Extended Lens Connector Cable **76.95**

ACCESSORIES

Power Drive Grip **349.00**
Power Drive 2...**549.00** Left Hand Grip ..**225.00**
Bellows Lens Hood.....................................**215.00**
Mamiya Pro Bracket **269.95**
Infrared Remote Control Set.....................**544.95**
External Battery Case.................................**69.95**
Safe Sync Hot Shoe.....................................**39.95**
Mamiya Aluminum Cases:
Small..**325.00** Medium .**469.00** Large .**529.00**
Mamiya Systems Book.................................**29.95**

RB-67 PRO SD

6x7 120 or 220 Film Back.........................**559.00**
6x4.5 120 or 220 Back **599.00**
6x7 120-220 Power Drive Back.................**719.00**
6x8 120-220 Power Drive Back.................**719.00**
Mamiya Polaroid Back................................**469.00**
NPC Polaroid Back **198.95**

RB LENSES

w/HOOD

37/4.5 (w/4 Filters, no hood) (40.5ø).....**2689.00**
50/4.5 (77ø)..**1639.00**
150/4 Soft Focus (77ø) **1629.00**
500/8 (105ø)...**4549.00**
100-200/5.2 (77ø) **3739.00**
Kenco 2X Teleconverter...............................**399.95**

KL LENSES w/HOOD

65/4 (77ø) .....**1859.00** 75/3.5 (77ø)...**1849.00**
90/3.5 (77ø)..**1599.00** 127/3.5 (77ø) **1489.00**
140/4.5 (77ø)..**1875.00**
150/3.5 (77ø) **1479.00**
180/4.5 (77ø) **1515.00**
250/4.5 (77ø)..**1939.00**
75/4.5 Shift (105ø) **2999.00**

KL-APO LENSES

210/4.5 (77ø) **3329.00**
250/4.5 (77ø)...**3839.00**
350/5.6 (77ø)...**4289.00**
500/6 (105ø)...**5999.00**

EXTENSION TUBES

KL Ext Tube #1 ....**449.00** #2........**499.00**
Auto Ext Tube #1 ....**314.00** #2........**344.00**

RZ-67 PRO II

NEW! RZ67 Pro II Pack—Consists of: RZ Pro II Body, 110/2.8, 120 Back .**2999.00**
6x7 120 Film Back ....**635.00** 220.......**645.00**
645 - 120 Film Holder RZ/II **645.00**
Mamiya Polaroid Back **489.00**
NPC Polaroid Back **198.95**

RZ LENSES

w/Hood

*37/4.5(40.5ø)..**2689.00**
NEW! 50/4.5 ULD **1729.00** 65/4 L.A.(77ø)**1875.00**
NEW! 75/4.5 Short Barrel.......................**1899.00**
*75/4.5 Shift (105ø) **3169.00**
90/3.5 (77ø) ..**1389.00** 110/2.8 (77ø) **1429.00**
140/4.5 LA.(77ø)**1875.00** 150/3.5 (77ø) **1489.00**
NEW! 180/4.5 Short Barrel......................**1249.00**
NEW! 180/4.0 Soft Focus........................**1629.00**
180/4.5 (77ø) **1515.00** 250/4.5 (77ø).**1939.00**
500/8 (105ø)..**4549.00**
100-200/5.2 (77ø)......................................**3739.00**
1.4X Teleconverter **869.00**
RZ Tilt Shift Adapter.................................**1499.00**
Ext. Tube for Short Barrel Lenses.............**349.00**
***Hood N/A**

APO LENSES

210/4.5 (77ø) **3329.00** 250/4.5 (77ø).**3839.00**
350/5.6 (77ø) **4289.00** 500/6 (105ø)..**6199.00**

ACCESSORIES FOR RZ-67

Winder 2......**549.00** AE Prism Finder II.**1229.00**
Auto Ext. Tube #1 ..**439.00** #2..............**475.00**
Mamiya Pro Bracket **249.95**
External Battery Case...................................**69.95**
L Grip ....**209.00** Soft case **124.95**
3' Electronic Cable Release ...**72.95** 13' ...**95.00**

ACCESSORIES FOR RB-67 & RZ-67

Prism Finder 2...**849.00**
Adj. Diopter Magnifier **189.00**
Flash Gun Bracket **59.95**
Gel. Filter Holder...**57.95**
Bellows Lens Hood G-3..............................**519.00**
Diopter **22.00**
Mamiya Systems Book.................................**29.95**
PD Prism Finder **1199.00**
Mirror-Up Cable Rel.....................................**72.95**
Sunshield w/case.. **72.95**
Bellows Lens Hood G-2 ....**189.00**
Most Screens...**49.95**
Quick Shoe Model 3....................................**219.95**

MAMIYA FILTERS

UV 77mm ....**69.00** UV 105mm ......**179.00** Sky 77mm.........**79.00** Polarizer 77mm ..**99.00**

ALL MEDIUM FORMAT ACCESSORIES, IN STOCK

FOR A FREE MONTHLY CATALOG, CALL 800-947-6933, 212-444-6633 OR WRITE

VIDEO and PRO AUDIO

VISA MasterCard DISCOVER NOVUS AMERICAN EXPRESS Cards

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

New Address:
420 Ninth Ave. (Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

Rollei

QUICK DIAL 634

6008 INTEGRAL

- 6x6 SLR, optional 6x4.5 magazine
- Center weighted spot, multi-spot metering
- 4 TTL exposure modes
- TTL/OTF auto flash • Auto bracketing
- Built-in 2-5 fps motorized advance
- Optional master control unit
- PQS lenses with 1/1000 shutter speed

Body & W.L. Finder IMP $1999 USA $2250
Body, W.L. Finder, 80mm f2.8 PQ, Bat. & Charger IMP $3995 USA $4400

6003 PRO

Body, 120 Back, W.L. Finder, 80mm f2.8 PQ, Battery & Charger IMP $3199 USA $3400

NEW!

6001 PRO

- 6x6 SLR, optional 6x4.5 magazine
- 120 or 220 format plus Polaroid
- Electronic shutter 1/1000 to 30 sec.
- 1.5 fps auto advance • Multiple exp.
- TTL flash metering w/SCA system
- Interchangeable backs, prisms, lenses

Body, W.L. Finder, 80mm f2.8 PQ, 120 Magazine, Battery & Charger
USA $2699.99

ROLLEIFLEX 2.8GX EXPRESSION

- 120film, 6x6 twin lens reflex w/ W.L. finder
- 80/2.8 Zeiss HFT lens • TTL exp. metering
- TTL auto flash with SCA 300 system
- Optional: 45° or 90° prism, 5 focus screens

USA $3295.00

ROLLEIFLEX 2.8GX 75th ANNIVERSARY

with Gold trim, close-up set
and in elegant wooden display box
USA $3495.00

PENTAX

645N Autofocus

- High precision with predictive focus mode
- Focus assist in manual mode
- 4 metering modes • Auto bracketing
- 3 metering modes including spot
- Data imprinting on film edge
- Interchangeable screens & lenses

Body Only **CALL**

645 Body Only $1499.95

67

- 6x7 format in 35 SLR design
- Accurate electronic focal plane shutter 1-1,000 sec.
- 120 (10 exposures) or 220 (20 exp.)
- Interchangeable finders & lenses
- Wide accessory range

Body Only $999.95

NEW! 6x7 II ....**CALL**

CONTAX

645 AF MED. FORMAT SLR

NEW!

- Electronic focal plane shutter 32-1/4000 sec. X-sync 1/125 sec.
- 6 Carl Zeiss T* AF lenses
- Interchangeable film backs and inserts for 120 & 220 film
- AV, TV, manual exp. modes
- TTL flash aperture, center weighted meter/spot meter, pre-flash meter
- Motor drive at 2.5 fps, built-in

Body Only $1915.00

FUJIFILM

QUICK DIAL 634

GA-645i/645Wi

- Auto and manual focus
- Auto film advance • 120/220 film
- 3 exposure modes
- Full information viewfinder
- Built-in auto flash
- Data imprinting

GA-645i 60/4, w/Flash
$1099.00
GA-645wi 45/4, w/Flash
$1259.00

GA-645Zi

- 6x45 AF zoom
- 55-90mm zoom lens
- Auto film advance
- 4 exposure modes: programmed AE, aperture AE, slow sync, manual
- Fuji's 'EL' film barcode system
- Built-in pop-up flash
- Bright Frame zoom viewfinder
- Data imprinting

$1889.00

GX-680 III

- 6x8, w/rise, fall, tilt, shift, swing
- MD advance • Electronic shutter
- Revolving film holder
- OTF metering • Changeable finders, screens, 67, 66 & 645 backs and lenses

Body $2729.00

NEW! GX-680 IIIS Body 2195.00

GW-670 III

- 6x7 rangefinder
- 90/3.5 lens
- 1-1/500 sec. T
- 120 or 220 film
- 2 shutter buttons
- Built-in level

$1259.00

GW-690 III GSW-690 III

- 6x9 rangefinder
- 90/3.5 lens
- 1-1/500 sec. T
- 120 or 220 film
- 2 shutter buttons
- Built-in level

GW-690 III 90/3.5. $1259.00
GSW-690 III 65/5.6 Superwide .. $1278.00

GX-617

- Lightweight panorama 120/220
- 4 interchangeable lenses
- 1-1/500 sec. shutter speeds
- Optional focusing screen
- Flash sync at all speeds
- Electromagnetic release

Body Only
$2663.00

HASSELBLAD

Authorized U.S.A. Dealer
3-YEAR HASSELBLAD WARRANTY

202-FA

- Three automatic modes and two metered manual modes
- Accepts optional 1.3 fps motor winder
- Selective area TTL metering
- TTL/OTF flash metering with fill-in flash function
- Shutter speeds from 34 min. to 1/1000 sec.
- Accepts all finders, magazines, FE, CFE, CF and CFi lenses

Body Only $3175.00

203-FE

- Electronic focal plane shutter 34 min. to 1/2000 sec. plus B
- Aperture priority AE
- Auto bracketing w/acc. winder
- Full manual with differential info
- 2-60 sec. self timer delay
- TTL flash with over/under exp.
- Interchangeable finders, screens, film backs and lenses

Body Only $5358.00

205-FCC

Features of 203-FE plus:

- 1% spot metering
- Zone and Differential mode, metering in aperture priority AE mode

Body Only $6991.00

501-CM

- Totally mechanical entry level medium format camera
- GMS for full image viewfinder
- Interchangeable finder, focusing screens, lenses and film backs
- Incl. W.L. finder, Acute matte screen

Body Only $1585.00

503-CW

- Fully mechanical
- 120, 220, 70mm, 6x6, 6x4.5 and Polaroid film backs
- Accepts optional CW winder with IR remote control
- TTL/OTF flash control
- Gliding Mirror System
- Interchangeable finders, screens, film backs and lenses

Body Only $1797.00

NEW!

555 ELD

- Built-in 1.3 fps heavy duty motor film advance
- Integrated Databus connections for digital backs
- Front release port f/digital backs
- 5 different motor/mirror function modes
- Optional infrared remote triggering unit
- Accepts all finders, CF, CFi, CFE lenses and film magazines

Body Only $2995.00

903 SWC

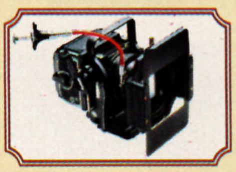
- Zeiss Biogon 38mm lens
- Virtually distortion free
- Interchangeable film backs
- Optical viewfinder included
- Compact size

Body, Lens, Finder $4986.00

FLEXBODY

- All mechanical bellows body permits +/-14° shift, +/- 28° tilt adjustments
- Accepts all CF lenses, finders and magazines

Body Only $2295.00



ARCBODY

- Tilt and shift body w/28mm shift, +/-15° tilt
- Built-in spirit level
- 35, 45, 75mm available lenses
- Accepts all finders and film magazines

Body Only $2669.00

ALL ITEMS ARE COMPLETE WITH ALL ACCESSORIES AS SUPPLIED BY MANUFACTURER

VISIT US ON THE WEB @ WWW.ADORAMACAMERA.COM

©1999

ADORAMA

42 West 18th Street • New York, NY 10011

ORDER TOLL FREE • USA ❖ CANADA
800-223-2500
ORDERS & INFORMATION
212-741-0052
FAX # 212-463-7223
Email: adorama@AOL.com

☎ #51 for Spanish

MAIL ORDER HOURS
MON–THURS. 9 TILL 9:30 PM EST
FRI. 9-1:30 • SUNDAY 9:30–6
STORE HOURS: MON.–THURS. 9–7pm
FRI TO 1:30 • SUN 9:30–5:45
STORE: 212-675-6789
CUSTOMER RELATIONS
800-815-0702
212-741-0466
Mon–Thur. 9:00–4:30, Sun. 11-2 EST

ADORAMA'S PRICES INCLUDE ALL MFR. ACCESSORIES & FULLY WARRANTIED

SLR Systems

Dial Direct #42 Camera Dept.

Nikon SLR SYSTEM

USA Warrantied by Nikon USA

F5 *USA*..........**Call** N70 *USA* **Call** N60 *USA*.....**Call**
New **F100** **1299.95** **N60 Date** *USA* **Call**

CAMERA/LENS OUTFITS	N60	N70	N90S
w/Nikon 35-80 4/5.6,Strap,battery	Call	Call	-
w/Tamron 28-80 3.5/5.6 Aspherical Macro	399.95	479.95	
w/Tamron 28-200 3.8/5.6 Super Aspherical LD **	-	649.95	969.95
w/Tokina 35-300 4.5-6.7 Compact Zoom ***	524.95	614.95	

prices are your effective cost after Mfr rebate
**** $25.00 Rebate*

NIKON MANUAL SLR CAMERAS

F3HP *USA*	Call
New F3-HP w/MD-4D	Call
FM2 Black *USA*	499.95
FM2 384.95 FM2 Blk	409.95
FE-10 w/35-70 &Case	269.95
FM-10 w/35-70 &Case	224.95
FM-10 Kit with 2- Nikon Lens, 35-70 & 70-210 Only	309.95

NIKON AF LENSES

16/2.8 "D"	604.95	600/4 IF AF-S	Call
18/2.8 "D"	1074.95	20-35/2.8 D	1399.95
20/2.8 "D"	Call	24-50 D	309.95
24/2.8 "D"	Call	24-120/3.5-5.6	429.95
282.8 "D"	189.95	28-70 "D"	279.95
28/1.4 "D"	1299.95	28-80/3.5-5.6 D	149.95
35/2 "D"	249.95	New 28-105 "D"	Call
50/1.8	84.95	28-200/3.5/5.6 AF-D	439.95
50/1.4 'D'	234.95	35-70/2.8 D	Call
60/2.8 "D"	309.95	35-80/4-5.6 D	89.95
85/1.8 D	319.95	35-105/3.5-4.5 D	289.95
85/1.4 D	839.95	35-135/3.5-4.5	349.95
105/2 "D"	Call	New 70-180 D	789.95
105/2.8 Mac D	519.95	70-210 D	259.95
135/2 DC "D"	879.95	70-300/4/5.6 AF-D	Call
180/2.8 EDIF D	599.95	80-200/4.5-5.6 "D"	139.95
200/4 Mac D	1049.95	80-20 0/2.8 w/B.I. Tripod Brkt	Call
300/4 ED	799.95	TC14 E	434.95
300/2.8 IF AF-S	Call	TC20 E	459.95
400/2.8 IF "D"	6599.95	2x AF f/Nik	69.95
400/2.8 IF "S"	Call		
500/4 IF AF-S	Call		

NIKON FLASH

Speedlight SB-22S AF

119.95

SB16A	284.95	SB16B	264.95
SB21A	389.95	SB23	89.95
SB21B	389.95	SB27	179.95
SB28	Call		
SK-6 Power Bracket	239.95		
SD-8	114.95		
New SD-8-A	139.95		
UR-3 Adapt Ring	24.95		
AS-1	26.95	SC-14	53.95
AS-4, 5	27.95	SC-15	19.95
AS-6	39.95	SC-17	53.95
AS-10,11	36.95	SC-18	29.95
AS-12	99.95	SC-19	34.95
AS-15	17.95	SC-24	54.95
SC-7	2.95		

YASHICA

DENTAL EYE II KIT	849.95
Dental Eye III	Call
Data Back f/Dental Eye I	29.95
109 Multi Program	189.95
109 MP Kit w/35-70	219.95
FX3 Super 2000	149.95
T4 Weatherproof	144.95
Zoomate 140	209.95
Microtec Zoom 120 Kit	199.95
Microtec Zm 70 Date Kit	139.95

ML Lenses

50/1.9 ML Lens	47.95		
28-80	109.95	35-70	84.95
75-200	104.95		

SAMSUNG

New ECX2 ....184.95

MAXIMA ZOOM CAMERAS

145 (38-145mm) Date Kit	209.95	130 (38-130) Date Kit	Call
Evoca 115 Date Kit	Call	105XL Date Kit	Call
New Evoca 70S Date Kit	Call		

OLYMPUS

IS-3 DLX

Call

STYLUS SERIES

IS-20 Super **Call**

Stylus Epic	89.95
New Stylus Epic Zoom	Call
Zoom 2000	114.95
Stylus	79.95
Stylus Zoom 70 Date	Call
Stylus Zoom 80W (28-80 Lens)	Call
Stylus Zoom 105 Date LT	239.95
Stylus Zoom 115	Call
New Stylus Zoom 140	Call

LEICA

We are Authorized USA Leica Dealers

LEICA COMPACTS

Minilux	649.00	MINI 3	
Minilux w/Data Back	729.00	Z-2X	299.00
New Minilux Zoom	849.00	Z-2X Date	329.00

Leica M6 Rangefinder System

Leica M6

New M6 TTL	2195	M6 Titanium Body	2495
M6 Body	1795	M6 High Magnification	*2095
		New M6-TTL High Mag.	2295

Rollei

QZ-35W	949.95	QZ-35T	949.95

Prego Cameras

New Prego 70 Date	189.95		
Prego 90	Call	Prego 90 Date	Call
Prego 115	Call		
Prego 145	Call	Prego 145 Date	Call
Prego Zoom AF	Call		
Prego Zoom AF Date	Call		
Prego Micron Date	Call		
X-115 Zoom w/Date Back	Call		
New Nano APS w/28-80 Zoom	279.95		

ADVANCED PHOTO SYSTEM — *New Pronea S*

New APS SLR with 30-60 f4-5.6 Lens **Call**

60-180 f4.5-5.6 Lens 149.95

35MM AF COMPACTS

Zoom 800 (38-130mm Lens) *USA*	229.95
Lite Touch-Zoom 110 (38-110mm Lens) *USA*	179.95
Lite Touch-Zoom 80 (38-80mm Lens) *USA*	129.95
One Touch-Zoom 70 *USA*	Call

MOTORS & ACCS.

MD-4	389.95	MC-21	56.95
MD-12	289.95	MC-22	49.95
AH-3	29.95	MC-25	59.95
MC-10	37.95	ML-2	309.95
MC11	9.00	ML-3	139.95
MC-12	49.95	MR-3	34.95
MC-3A	34.95		
MC-20	84.95		

CLOSE UP ACCS.

PB-6	219.95	PK-13	59.95
PB-6E	134.95	PK-12,	54.95
PB-6D	52.95	PG-2	149.95
BR2A,3	19.95	PK-11A	57.95
BR-5	21.95	PN-11	96.95
BR-6	49.95	PC-3	19.95
ES-1	39.95		
PS-6	134.95		
PB-6M	41.95		

KENKO AF EXT. TUBES

AF Ext. Tube 12mm	59.95
AF Ext. Tube 25mm	69.95
AF Auto Ext. Tube Set	149.95

Nikon School Videotapes

- Essence Of Light
- Masters Of Wildlife
- Master Of Portaiture
- Masters Of Photojournalsm

Available for F5, N50, N70,

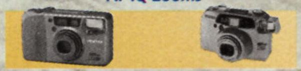
24.95 ea.

Nikon Vestrap™

featuring a specially-designed integral camera strap, Vetstrap shifts the camera's weight from the neck to the shoulders! 16 fully lined **94.95**

PENTAX

AF IQ Zooms



200 (48-200mm)	Call	928	194.95
140 Mini	239.95	EZY-R	89.95
105-WR	199.00	115-Min	189.95
160	284.95	90-M	154.95

AF SLR'S System

PZ-1P	499.95	ZX-5	264.95
ZX-10	Call	ZX-50	194.95
ZX-50 Kit w/Tamron 28-80	294.95		
ZX-5N	Call		

"FA" AF LENSES

20/2.8	524.95	24/2	399.
28/2.8	234.	43/1.9	449.
50/1.7	134.	50/1.4	184.
50/2.8 M	349.	100/2.8 M	539.
100/3.5 Macro	199.95		
85/1.4 IF	779.	200/2.8 IF	1069.
135/2.8	349.	300/4.5	779.
20-35/4 AL	474.95	28-70/2.8	1079.
28-70/4 AL	179.95		
28-80/3.5-5.6	139.95		
28-105/4-5.6	314.95		
28-200/3.8-5.6 AL IF	239.		
70-200/4-5.6	249.		
80-200/2.8	1674.95		
100-300/4.5-5.6	349.95		
New 80-320/4.5-5.6 Compack	239.		

Flashes & Acc.

AF 500 FTZ	284.95
AF 330 FTZ	159.95
AF 220 T	47.95
AF 201 SA	39.95
AF-280T Flash	154.95
510PP f/AF 4 00T	164.95
Hot Shoe Adapter F	19.95
Hot Shoe Adpt.f/ZX-5/10	37.95
Ex Cord F5P	24.95
Ex Cord F5P 9.5' Long	49.95

Manual SLR's

ZXM	154.95
ZXM w/50/2	199.95
ZXM w/35-80	244.95
ZXM Data Back	34.95

Series A Lenses & Accs.

50/2A	59.95	35-80	89.95
80-200	114.95		

CONTAX

G System

G-1 Compact AF w/45/2 Lens	985.00
G-2 w/ 45/2 Lens	1899.00
Less-$500. Instant Rebate	1399.00

Autofocus Compacts

New TVS Zoom II	1099.00		
T2*AF	Call	TLA 140	159.

'G' Lens

16/8	Call	21/2.8	Call
28/2.8	Call	35/2	Call
45/2	Call	90/2.8	Call
45/2	Call	90/2.8	Call
TLA 140	159.	TLA 200	299
GD-2 MF Back	Call		

MEDIUM FORMAT

PENTAX

PENTAX 6x7

New 6x7 II	Call
New AE Prism	Call
New Penta Prism II	Call
TTL Prism Finder	439.95
Folding Focus Hood	119.95
Rigid Magni Hood	199.95
Right Angle Finder	259.95
2X Magnifier	89.95
Diopters	16.95

NEW 645-AF

645-AF	22.00
45 / 2.8 AF	Call
75 / 2.8 AF	Call
300 / 4 ED IF AF	Call
400 / 5.6 ED IF AF	Call
45-85 / 4.5 AF	Call

Canon

EOS

New EOS Rebel 2000	Call		
Rebel G	Call		
Rebel G Date	Call		
Elan ii	Call	Elan ii-E	Call
Elan ii-E date	Call		
A2	Call	A2-E	Call
New Eos-3	1399.00		
EOS-1N	Call	EOS-1N-RS	Call

CANON EOS/ Tamron Outfits

Rebel G with Tamron 28-80 f3.5-5.6 Aspherical Lens 309.95

EOS Elan II **with Tamron 28-200 3.8-5.6 Super Aspherical Lens 659.95**

Same as above w/ EOS Elan II-E Camera 699.95

EOS CAMERA KITS

A2 kit w/28-105 USM	Call
A2E kit w/28-105 USM	Call
Elan ii kit w/28-80 USM	Call
Elan ii-E Kit w/28-80	Call
Rebel G Kit w/35-80	Call
Rebel 2000 w/28-80	Call

New ELPH Light	84.95
ELPH Junior	124.95
ELPH (24-48 Zoom)	Call
ELPH (IXUS) Gold Limit. Edit.	499.
ELPH 260Z (30-60 Zoom)	119.95
ELPH 490 Z (24-90 Zoom)	*Call
EOS IX Kit w/24-85	Call
EOS IX Body	Call
EOS IX-Lite Kit w/22-55	Call
EOS IX Lite Body	Calll
IP-100 APS Player	529.95

AUTOFOCUS POINT & SHOOT

A-1 UW	134.95
SureShot OWL	54.95
TELE 80 Kit	Call
Sure Shot 85	119.95
Sure Shot 105	169.95
Z-115S Caption Kit	214.95

Z-135	234.95
Z-135 Caption	Call

MISC. ACCESS

FD to EOS Macro Adapt	69.95
Ador FD to EOS Adapter	49.95
BP-5 Batt Pack	49.95
BP-50 AA Pk/Vertical Grip f/Elan II	64.95
BP-5B External Pk f/BP-50	56.95
New BP-8 f/Rebel X	29.95
New LC-3 Set	289.95

EOS CASES and HOODS

Case F/A2, A2E	54.95
EW-60,60B,62,EW-63,65	19.95
EW-75,78	38.95
EW-83	25.95
ES-62,65,65-II, 71	20.95
ET-62,65,65-II	19.95

TRIPODS

Pro Tripod 1	109.95
Deluxe Tripod 10	54.95
Custom 100 w/Head	29.95
Pan or Ball Head	54.95

CASES for FD SYSTEM

B24	5.95

EOS Finder Accessories

Angle Finder B	79.95
Angle Finder Adapter f/A2E	17.95
Dioplers f/EOS	11.95
New Anti-Fog Eyepiece	39.95

INTERCHANGEBLE GRIPS

VG-10 f/A2/A2E	79.95
GR-80 TP	33.95

MACRO ACCESSORIES

Canon Book On Macro	17.95

Extension Tubes

Canon EF-12 Ext. Tube	69.95
Canon EF-25 Ext. Tube	104.95
Kenko EF-12 Ext. Tube	59.95
Kenko EF-25 Ext. Tube	69.95
Kenco Auto Ext. Tb Set	109.95
Vari Ext. Tube M-30-55	59.95
Auto Bellows w/cable	219.95

EOS EF Lenses

	Gray	USA		Gray	USA
15/2.8	599.95	689.95	28-80/3.5-5.6 USM	99.95	*104.95
20/2.8	408.95	474.95	28-80/3.5-5.6	89.95	114.95
24/2.8	Call	339.95	28-105/3.5-4.5 USM	219.95	279.95
24/3.5L T.S.	1124.95	1309.00	28-135 3.5/5.6 Image Stabilized	479.95	Call
28/2.8	174.95	209.95	35-80/4-5.6 III	79.95	89.95
28/1.8 USM	389.95	439.95	35-80/4-5.6 USM	99.95	129.95
45/2.8 T.S.	1089.95	1309.00	55-200 4.5/5.6 USM	–	Call
50/1.8 II	74.95	84.95	75-300/4-5.6 USM-IS	Call	499.95
50/1.4	314.95	349.95	75-300/4-5.6 II USM	189.95	214.95
50/2.5 Macro	269.95	319.95	75-300/4-5.6 II	164.95	179.95
Life Size.Converter	169.95	–	80-200/4-5.6 II	109.95	119.95
85/1.8	319.95	369.95	100-300/4.5-5.6 USM	264.95	284.95
90/2.8 T.S.	1099.95	1249.95	100-300 5.6L	Call	–
100/2	399.95	449.95	100-400 USM IS	–	Call
100/2.8 Mac	509.95	579.95	2X AF APO	279.95	309.95
135/2.8 SF	319.95	379.95	1.4x AF APO	339.95	379.95
22-55 4/5.6 USM	–	149.95	Ador 2x AF	–	69.95
20-35/3.5-4.5 USM	389.95	409.00			
24-85/3.5-4.5 USM	289.95	369.95			

EF "L" Lenses with Case & Hood

14/2.8 L USM	1999.95	2177.00	300/4-L Stabilzd	1199.95	1419.00
24/1.4 USM	1289.00	1329.00	300/2.8L	3799.95	4259.00
New 35/1.4L USM	–	Call	400/2.8 II L	6249.95	7229.00
35/2	249.95	289.95	400/5.6 L	1054.95	1389.00
50/1 L	2099.95	2529.00	500/4.5 USM	5099.00	5549.00
85/1.2L	1449.95	–	600/4L	Call	8809.00
135/2 L USM	849.95	989.00	17-35/2.8 L	1099.95	*1239.00
180/3.5 L Macro	1289.00	1399.00	28-70 2.8L USM	1049.95	*1099.00
200/2.8L	669.95	734.95	35-350/3.5-5.6L USM	1529.95	1769.00
200/1.8L	3799.00	4259.00	70-200 /2.8L USM	–	*1259.00
300/4 L	929.95	1039.00			

Manual Focus Lenses

24/3.5L T.S.	1124.95	1309.00	90/2.8 T.S.	1099.95	1249.95
45/2.8 T.S.	1089.95	1309.00			

EOS-1/1N ACCCS.

E1 BOOSTER

Battery Pack f/EOS-1-N	124.95
E-1 Drive Booster	Call
Hand Strap for E-1	21.95
Nicd Pack f/E-1	76.95
Nicd Charger f/E-1	254.95

MINOLTA

New XT-SI 344.95

New HT-SI	249.95
300Si w/35-70	249.95
400Si w/35-70 Call **400Si** *$15. MFR Rebate*	Call
500Si Call **600Si**	389.95
800Si *$50. MFR Rebate*	Call
800Si Adorama Warr.	529.95

MINOLTA AF LENSES

20/2.8	569.95	24/2.8	329.95
28/2.8	169.95	50/1.7	76.95
50/1.4	199.95		
50/3.5 Macro	224.95		
50/2.8 Macro	374.95		
100/2.8 Macro	599.95		
200/2.8 APO	899.95		
300/4 APO	999.95		
400/4.5 APO	1899.95		
17-35 3.5	1599.95		
20-35 3.5/4.5	479.95		
24-85/3.5-4.5	384.95		
28-80/4-5.6	129.95		
28-105/3.6-4.5	289.95		
35-70/3.5-4.5	69.95		
35-80/14-5.6	Call		
70-210/4.5-5.6	139.95		
75-300/4.5-5.6	189.95		
80-200/2.8 HS APO	1179.95		
100-300 APO	424.95		
100-400/4.5.6 'I APO	649.95		
2X APO Conv. II	399.95		
2X f/Maxxum i & Xi	69.95		

Maxxum Acces.

RC 1000 S	36.95
RC 1000 L	39.95
Correction Eye Pieces	12.95
Magnifier VN	45.95
IR-1 Transmitter Only	9.95
AA Battery Pack f/XTSi	94.95
VC-600 Vertical Grip	149.95
VC-700 Vertical Grip	149.95
Angle Finder VN	109.95
Lens Monocular Converter	69.95
Expansion Cards f/7Xi/9Xi	9.95

Hove Manual for 400Si / 700Si	19.95

AUTOFOCUS POINT & SHOOT

Weathermatic Dual	154.95
Freedom Zoom 140EX	239.95
Freedom Zoom Supreme	194.95
F.Z. Supreme EX Date	194.95
Freedom Zoom Explorer	136.95
New F.Z. Orion	164.95
TC-1	899.95

Manual SLR'S

X-700 USA	239.95
X-700 USA w/ Original Case Only	249.95
X-370-S	149.95

Special Kit Offer

X-370S With Original Minolta 28-70 3.5-4.5 & Eveready Case 234.95

MD LENSES

28/2.8	154.95	50/1.7	72.95
135/2.8	154.95		
28-70/3.5-4.5	109.95		
35-70/3.5-4.8	104.95		
70-210/4.5-5.6	Call		
100-300/5.6-6.7	229.95		

General Accessories

Motor Drive 1	239.95
Adorama Winder f/Minolta	49.95
Remote Cord S	35.95
Remote Cord L	38.95

** Effective Cost After MFR Rebate*

Vectis 300

Vectis 300	274.95
Vectis 40	Call
Vectis 30	Call
Vectis 20	Call
VP1 APS Player	549.95

Vectis Xtreem

GX-1&2	59.95
GX-3&4 Waterproof	84.95

New Vectis Weathermatic Call

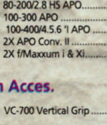
Vectis S-1 Body	199.95
Vectis S-1 Kit	289.95
22-80 f/4-5.6	259.95
25-150 f/4.5-6.3	Call
28-56 f/4-5.6	Call
56-170 f/4.5-5.6	159.95
80-240 f/4.5-5.6 APO*	399.95
50mm f/3.5 Macro	249.95

CAMERA ACCESSORIES

Pro-Optic

NEW APO 420-800MM SUPER ZOOM

Ultra Compact Zoom (8")
- T-Mount Lens fits most 35mm SLR's
- Lightweight: only 16 oz.
- Semi-apochromatic design with 4 elements in 2 groups



209.95

MACRO FOCUSING RAIL SET

Where **critical focusing** is desired
- A must for **macro** photography. Constructed of all metal parts
- Moves in 4 directions : forward, backward, right and left • Engraved scale
- Fine focusing knob for precision accuracy • Can be used with any tripod.

139.95

SIGMA

Perfecting the way photographers work

Call for Special Discounts on purchase of lens with any SLR

TAMRON

AF 28-200mm F/3.5-5.6 LD Super Aspherical (IF)

- ***Popular Science Magazine :Best of what's New***
- ***6 Year Mfr USA warranty***
- Aspherical element provides edge to edge sharpness
- Low Dispesion glass provides brilliant color
- Internal Focus ensures bright corner illumination & makes using filters easy
- Macro capabilty throughout the range
- Compact & lightweight

Only $264.00 *After Rebate*

ATTENTION CORPORATIONS & SCHOOLS: WE WELCOME YOUR PURCHASE ORDERS-PLEASE CALL

VISIT US ON THE WEB @ WWW.ADORAMACAMERA.COM

HOYA FILTERS

SPECIAL OFFER

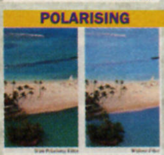
Buy 3 Filters and get 10% off

Buy 5 Filters and get 15% off

SOFTENER

SEPIA

POLARISING



HOYA, THE WORLD'S LARGEST MANUFACTURER OF TOP-QUALITY OPTICAL GLASS

- HOYA filters are available with Single Coating which improves light transmission to about 95%;
- Multi-Coating with three layers to each side, with an average 99% light transmission.
- SUPER Multi-Coatingfilters, with six layers of coating to each side, which virtually eliminates reflection problems by allowing a average of 99.7% light transmission.
- You can see the difference. Photos taken using HOYA HMC filters have greater brilliance, and richer, more pure colors.

CIRCUALR POLARIZERS

- Removes unwanted reflections from non-metallic surfaces such as water, glass etc. They also enable colors to become more saturated and appear clearer, with better contrast.

CROSS SCREEN & STAR FILTERS

- Adds a dramatic four-cross flare to very bright areas, giving a soft-focus effect. STAR-SIX (six-pointed light flares) and STAR-EIGHT (eight-pointed light flares) can also be used for a variety of effects.

FLD/FLW

- FLD Corrects the greenish tone that appears when daylight type films are used under fluorescent lighting.
- FL-W is for use with warm white or white type fluo-rescent lamps

SOFTENER (A AND B)

- Creates a picture with a clear focus and a soft gradation, and this effect is especially evident with an object with a point light source.
- Color reproduction is easy, and there is no need for exposure adjustment.

INTENSIFIER

- Enhances red, orange and brown subjects to give more color saturation and contrast, while having very little effect on other colors. It can be used in many situations such as architecture where certain building features need emphasising, or for landscapes to enhance foliage and rocky features.

FL-W • FL-DAY

STAR SIX/EIGHT

	39/40.5 43mm	46 mm	49/52 55 mm	58 mm	62/67 mm	72 mm	77 mm	82 mm	B60
Skylight (1A) / UV	18.95	10.00	10.00	11.95	19.00	28.00	32.00	44.95	
Soft A or B(Graduated Softner)		–	24.95	28.50	41.95	47.95	49.95	–	
Polarizer	29.95	16.95	16.95	19.95	22.95	34.50	40.50	52.00	74.95
Circular Polarizer	29.95	28.95	28.95	34.00	49.00	58.95	69.95	92.00	
FLW / FLD		14.95	13.95	16.95	25.95	34.00	41.00		
Cross Screen 4-Point		14.95	14.95	17.95	26.95	34.50	41.95	52.50	
Star 6 (6 Point), Star 8 (8 Point)		–	20.95	23.95	34.50	40.50	44.95	–	
New Sepia A or B		–	29.95	38.95	41.95	51.00	56.95	–	
Intensifier		–	32.95	41.95	53.95	59.95	71.95	–	
Center ND Filter		–	–	–	209.95	254.95	299.95	–	
Multi-coated Filters									
Skylight (1A) / UV		13.95	13.95	16.95	24.95	31.95	38.95	50.95	64.50
Circular Polarizer		49.95	53.00	59.00	73.95	99.00	134.00	Call	
Orange/Red/Green/Yellow/Y44/Y52	–	19.00	22.00	31.00	37.00	44.00	53.00	–	
80A/B/C, 81A/B/C, 82A/B/C, 85A/B/C	–	19.00	22.00	31.00	37.00	44.00	53.00		
ND2X, 4X, 8X		19.50	19.50	22.50	31.50	37.50	44.95	53.95	
FLW / FLD			19.50	22.50	31.50	37.50	43.95	–	
Super Multi-Coated Filters									
Skylight (1A) / UV		–	22.50	28.50	34.50	39.95	44.95	–	
Circular Polarizer.Slim Mount	–	–	59.95	64.95	79.95	119.95	149.95	189.95	
ND2X, 4X,		–	22.50	28.50					
New Ultra Thin Multi-coated Filters									
Skylight (1A) and UV			–	33.95	39.95	49.95	53.95	–	
ND2X, 4X, 8X			–	44.95	49.95	59.95	64.95	–	
Circular Polarizer / UV Hybrid			–	109.95	134.95	154.95	209.95	–	

Tokina LENSES

Tokina Rebates Up to $200.00 *Call flExpiration*

LENS	Man. Focus	Maxxum	EOS	Nikon AF	Pentax
17/3.5	Call	—	—	—	—
17/3.5 ATX AF	—	369.00	369.00	369.00	—
28/2.8	Call	—	—	—	—
100/2.8 ATX AF Mac	—	379.00	379.00	379.00	—
300/4 ATX APO AF	—	589.95	589.95	589.95	—
300/2.8 ATX APO	—	—	*2099	—	—
400/5.6 SD	229.95	—	—	—	—
400/5.6 ATX APO AF	—	Call	Call	Call	—
19-35/3.5-4.5	—	159.95	159.95	159.95	—
20–35/3.5–4.5 Mac AF	—	Call	Call	Call	Call
20–35/2.8 ATX PRO	—	*679.00	*679.00	*679.00	*679.00
28–70/3.5 Macro SD	Call	—	—	—	—
28–70/2.6-2.8 ATX Pro	—	*399.00	*399.00	*399.00	*399.00
28–105/3.5-4.5	Call	169.00	169.00	169.00	169.00
28–210	—	144.95	144.95	144.95	—
28–300 4/6.3	—	219.95	219.95	219.95	—
35-300/4.5-6.7 SD	—	*199.00	*199.00	*199.00	*199.00
70–210/4–5.6 Macro	Call	—	—	—	—
75–300/4.5–5.6	Call	—	—	—	—
80–200/2.8 ATX APO Pro	—	*699.95	*699.95	*699.95	*699.95
80–400/4–5.6 ATX APO	—	*499.95	*499.95	*499.95	*499.95
100–300/4 ATX AF	—	Call	Call	Call	—
New 100–400/4.5-6.7	—	229.95	229.95	229.95	—
150–500/5.8 ATX	Call	—	—	—	—
2X Teleconverter	84.95	119.95	119.95	119.95	119.95

Prices Reflects Effective Cost After Rebate

Kenko Scope Eyepiece

This scope turns your interchangeable 35mm lens into a spotting scope monocular or a magnifier.
A 3 element, 2 group occular, with a built-in roof prism, it converts a 200mm telephoto lens into a 20X spotting scope or a 50mm "normal" lens into a 5X monocular **79.95**

Kenko Auto Extension Tube Set for AF SLR's

Perfect coupling with TTL metering and AE mechanism! (use with manual focus function) Set of 3 tubes and can be used singly or combined in seven magnification strengths. The set consists of: 36mm, 20mm and 12mm Auto Tubes

Available for: Canon EOS, Minolta AF, Pentax AF
Please Specify **109.95**

Fully automatic extention tube set for NIKON Auto-Focus **149.95**

Sunpak PZ4000 AF

139.95

- Motor driven zoom head automatically adjusts to match the focal length of the lens in use.
- Guide number of 132 at ISO 100
- Available for: *Nikon Canon and Minolta Camera System.*

Bogen Tracker Series

Tripods
for the nature photographer

- **Main tripod body and carrying strap are jungle green to blend into the envi-roment**
- **Tripod includes leg protectors, spiked feet and new flip lock leg locks and a 2 section column that can be seperated to give a short unit for low angle shots**

EXPOSURE METERS

ADORAMA

1° Spot Meters

Professional 1° Spot Meter gives a perfect exposure reading on the Exact area where a light reading is required. That way you can measure the key areas of the subject you're photographing . Comes with eye-cup, strap and case.

Adorama 1° Spot Meter **199.95**

Adorama 1° Digital Spot Meter **249.95**

Flashmeter 3

- Measures single, muliple, incident or reflected flash • ½ f/stop accuracy sensitivity range F2.8-32 ISO/100
- Range F1.0-64 in 1/2 stop increments
- Particularly useful in bounce and multiple flash setups where exposure cannot be easily determined on the basis of calculations

139.95

Match Needle Exposure Meter

- Reflected light readings
- Automatic match-needle operation
- Selenium Cell

32.50

Flashmeter 2

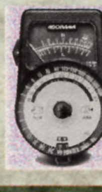
- Flashmeter accurately measures flash incident output especially useful when using more than one flash • Red LED indicates correct F Stop to use
- Range F2 to F22
Accessory
Remote Cord **8.95**

79.95

Match Needle Lock Exposure Meter

- Reflected and incident light readings • Needle Lock button
- Hi-Lo switch
- Built-in battery checker
- Cds metering
- with strap and case

69.95



Sekonic

L188	79
L398M Studio w/c	169
L308 B II Dig. Flashm.	259
L318 Digi Light	229
L328 Digi Lite F	279
L-408 Multi Flashmtr	329
L718 Digi Pro	359
L778 Spot Flash	749

SEKONIC ACCS.

L318/328 5° viewfinder	99.
L398 Slide set (11)	45
L718 5° viewfinder	119
"T" Sync Cord	26.
L-428 Microscope Att.	9.95
L-418 Viewfinder	9.95
L-428 Viewfinder	9.95
L-518 Viewfinder	29.95

New L-508

UNDERWATER

SeaLife

REEFMASTER

- ***Fully automatic 35mm camera***
- ***F stop: 3.5 glass lens 1/140 shutter speed***
- Hard molded underwater housing with "easy grip" rubber armoring
- Waterproof, shockproof hard carrying case
- Includes Care Kit Silicone Grease and lanyard
- Operational depth to 164′ (50 meters). **179.95**

3X Macro Close Up for Reemaster **39.95**

Sea Life 35mm
U.W. Camera Outfit **89.95**

ikelite

UNDERWATER SYSTEM CAMERA HOUSINGS

New Aquashot 3 w/film	59.95
New Aquashot 3-E	64.95
f/Canon EOS Rebel x/xs	569.95
f/Canon EOS A2/A2E	569.95
f/Nikon N90, 8008S, N70, N50, 6006	569.95

VIDEO HOUSINGS

Most Housings	649.95
Video-Lite 45	224.95

BALL HEADS

ARCA-SWISS MONOBALLS

3 YEAR WARRANTY

Ball #1 w/Quick Release	398.95
Ball #1 with 1¼"	349.95
Ball #1E Economy w/QR	289.95
Ball #1G Giant w/Quick Rel	479.95
Ball #2 w/Quik Release	599.95
1/4" Plates for Arca	29.95
35mm Plate	29.95

All Orders are Shipped Via UPS 3 DAYS Select

Camera Accessories

Dial Direct

SLR Accessories #42

VISIT US ON THE WEB @ WWW.ADORAMACAMERA.COM

All Orders are Shipped Via UPS 3 DAYS Select

©1999

ADORAMA

42 West 18th Street • New York, NY 10011

6

ORDER TOLL FREE • USA ❖ CANADA
800-223-2500
ORDERS & INFORMATION
212-741-0052
FAX # 212-463-7223
Email: adorama@AOL.com

☎ #51 for Spanish

MAIL ORDER HOURS
MON–THURS. 9 TILL 9:30 PM EST
FRI. 9-1:30 • SUNDAY 9:30–6
STORE HOURS: MON.–THURS. 9–7pm
FRI TO 1:30 • SUN 9:30–5:45
STORE: 212-675-6789
CUSTOMER RELATIONS
800-815-0702
212-741-0466
Mon–Thur. 9:00–4:30, Sun. 11-2 EST

Binoculars

Pro-Optic Provis Binoculars

Provis Series Binoculars
Deluxe, Lightweight, with enhanced Multi-Coatings Provis Series Binoculars are full-sized binoculars in a compact and lightweight high-quality cast-aluminum alloy housing with a soft leatherette covering These binoculars are engineered by one of Japan's largest manufacturer of high-quality optics to provide images which would rival many famous european brands which cost 2 to 3 times as much

Features:
• BAK-4 glass porro prisms. These are the top-of-line in binocular prisms • Full Multi-Coating. Every air-to-glass surface is multi-coated to increase light transmission, better image contrast and color balance • Soft grey leatherette covering • Threaded to accept tripod adapter • Long eye relief. ideal for eyeglass wearers • Roll down rubber eyecups • Supplied w/ a deluxe hard carrying case • Rated "Exceptional Inspection Standard" by the Japanese J.T.I.I.

Provis 8x42
4.92" Height by 6.85" width. Weight 22.2 oz., 16mm Eyerelief, 6.5 degree Field of View, Near focus 16', **159.95**

Provis 7x50
6.42" height by 7.24" width. Weight 27.8 oz., 23mm Eyerelief, 6 degree Field of View, Near focus 26' **179.95**

Provis 10x50
6.22" height by 7.24" width. Weight 27.8 oz., 16mm Eyerelief, 5.3 degree Field of View, Near focus 26', **179.95**

PRO OPTIC Binoculars 25 Year Warranty

Optima 42mm large aperture roof prism binoculars.
These binoculars feature
- High index BAK-4 glass prisms
- Fully multi-coated optics • Long eye-relief, great for eye glass wearers.
- Large focusing knob • Black rubber armor
- *Supplied with deluxe leatherette case & neck strap*

	Field of View	Eye Relief	Close Focus	Size	Weight oz.	
7x42	6.5º	22mm	19.7'	6.2x5.3"	24.4	**139.95**
8x42	6.3º	19mm	16.4'	6.2x5.3"	24.3	**144.95**
10x42 Wide Angle	6.5º	12mm	14.7'	6.2x5.3"	24.7	**149.95**

GIANT BINOCULARS with case
Fully Multi-Coated Binoculars. Large objectives high quality BAK-4 prisms will provide you with breathtaking wide-field observation of astronomical objects as well as terrestrial viewing under low light conditions.

11x70	**159.95**	16x70 –	**169.95**
11x80	**249.95**	20x80	**259.95**
SUPER GIANT			
14x100	**849.95**	25x100	**899.95**

Night Owl Nightvision

BINOCULARS

30,000X 4X Mag. Comp... **399.95**
30,000X 2.5X Magn.. **399.95**
30,000X Goggles 1X Mag. Focuses as close as 9" **574.95**

NOCU2 Compact
• High quality lens & ocular
• 2X magnification with great light amplification
219.95

MONOCULARS

Compact 5X Magnification **10,000X** Light Mag. **279.95**

NIGHTVISION with Camera Adapter

164.95

1400X 2.4X w/Camera Adapter
• 1400x light amplification
• 2.4x image magnification with high quality large objective lens
• Camera adapter and Infrared illuminator included

TASCO

TSNV-356 Binocular	**399.95**
TSNV-360 Monocular	**294.95**
2x Doubler F/360	**49.95**

Leitz

USA PASSPORT WARRANTY

COMPACT SERIES			
8x20BCA	**Call**	8x20BC	**Call**
New 8x20BC Titan. Finish			**Call**
10x25BCA	**Call**	10x25BC	**Call**
Case for Compacts			**29.95**
NEW GENERATION with Case			
7x42BA	**Call**	8x32BA	**Call**
8x42BA	**Call**	8x50BA	**Call**
10x42BA	**Call**	10x50BA	**Call**
New 12x50 BA			**Call**
Binocular Holster Case			**69.95**
GEOVID			
7x42 BD Geovid (Yard)			**Call**
7x42 BDA Geovid			**Call**

Canon

IMAGE STABILIZED
10x30 $50 MFR Rebate Exp. 12/31/98

15x45	**Call**	12x36	**Call**
10x30	**Call**		
WATERPROOF			
8x32	**Call**	8x23	**Call**
COMPACT			
8x22	**Call**	10x25	**Call**
8x23 Porro Prism			**Call**
ULTRA COMPACT			
5x17	**59.95**	7x17	**74.95**

PENTAX

UCFV			
8x24	**74.95**	10x24	**79.95**
12x24	**89.95**	16x24	**99.95**
8-20x24 Zoom			**159.95**
8-16x21 Zoom			**129.94**
Weather Resistant UCF			
8x24	**95.50**	10X24	**104.95**
12x24	**124.95**	16X24	**139.95**
PCF III			
7x35	**104.95**	7x50	**119.95**
8x40	**119.95**	10x50	**129.95**
12x50	**139.95**	16x50	**139.95**
20x50	**159.95**		
UCF Mini			
8x21	**54.95**	10X21	**59.95**
ULTRA COMPACT FB			
8x18	**129.95**	10x18	**159.95**
DCF High Resolotion			
8x42	**219.95**	10x42	**259.95**
12x42	**294.95**		
DCF Waterproof			
8x42	**Call**	10x42	**Call**
DCF Compact			
8x22	**149.95**	10x25	**169.95**

Nikon

FIELDSCOPES	
Fieldscopes	**Call**
15, 20X	Ea. **39.95**
40x W.A.	**159.95**
Waterproof Spotters	
16-47 x 60 XL	**379.95**
16-47 x 60 XL Kit with Tripod & Case	**409.95**
SKY & EARTH SERIES	
20X Scope	**189.95**
15-45x Zoom Scope	**269.95**
Angle Scope w/o Eyepiece	**159**

ZEISS

USA WARRANTY

New Ergonomic Design
8x30 Compact
Call

MONOCULARS			
5x Mini Quick			**Call**
Designer Series Binoculars *Includes Case*			
8x20	**Call**	10x25	**Call**
7x45	**Call**	8x56	**Call**
10x56	**Call**		
Classic Series *Includes Case*			
8x20	**Call**	10x25	**Call**
* ***Classic Rubbeized*** w/Case			
7x42	***Call**	8x30 IF	**Call**
8x30 CF	***Call**	8x56	***Call**
10x40	***Call**	30x60	***Call**
20x60 Stab.Binoc.			**Call**

CELESTRON

PRECISION OPTICS

GIANT			
20x80 Standard			**Call**
20x80 Deluxe			**Call**
REGAL *Fully Multi Coated*			
8x42	**Call**	10X50	**Call**
8x24	**139.95**	10X28	**149.95**
New Adveturer			
7x50	**124.95**	8x32	**114.95**
10x50	**129.95**	8-32x50	**174**
ULTIMA			
8x32 Wide Angle			**Call**
7x50	**Call**	8x40	**Call**
8x56	**Call**	9x63	**Call**
10x50	**Call**		
TRAVELER Multi Coated			
10x25	**49.95**	8x21	**39.95**
7x16x25 Zoom			**74.95**
Monocular			
8X25			**39.95**
6x Monocular/30x Microscope (*Pen Size*)			**39.95**

LEUPOLD

MADE RIGHT. MADE HERE!

GOLDEN RING
8x32
599.95

WIND RIVER COMPACT

8x42 C.F.	**139**	10x50 C.F.	**149.95**
10x25 C.F.	**69.95**		

SWIFT BINOCULARS

BIRDING SERIES	
8.5x44 Audobon	**219.95**
8.5x44 ED Audobon	**414.95**
8.5x44 Roof Prism Audobon	**344.95**
ULTRA LITE	
8x42	**188.95**
8x44 ED	**339.95**
10x42	**199.95**
9x63	**304.95**

KENKO

12-5-50x25 Zoom
World's Longest Zoom Binocular Only **129.95**

Nikon

SPRINT			
7x21	**57.95**	8x21	**56.95**
9x21	**59.95**	10x21	**61.95**
TRAVELITE IV w/case			
7x20	**76.95**	9x25	**94.95**
8x23	**86.95**	10x25	**104.95**
12x25	**119.95**		
SPORTSTAR II			
8x20	**57.95**	10x25	**62.95**
AS DIPLOMAT R.C. w/Case			
8x23	**179.00**	10x25	**199.00**
MOUNTAINEER II ATB			
8x25 Mountaineer			**159.95**
10x25 Mountaineer			**189.95**

TITANIUM			
5x15 Titanium Binocular			**374**
New 5x15 Monocular			**154.95**
MONOCULAR			
6x15 Monocular II			**74.95**
ACTION SERIES			
7x35	**74.95**	7x50	**97.95**
8x40	**89.95**	10x50	**104.95**
12x50	**114.95**		
E-SERIES w/case			
8x30 E			**259.95**
SUPERIOR E-SERIES			
8x32	**469.95**	10x42	**589.95**
10x42 USA			**609.95**
12x50			**649.95**

ATTACHE SERIES			
8x42	**159.95**	10x42	**179.95**
MONARCH *Waterproof*			
8x40	**214.95**	10x40	**229.95**
SEA & SPORT R/C			
7x50 IF			**197.95**
7x50 IF w/Compass			**259.95**
Zoom			
8-20x25 Compact			**124.95**
10-22x50 Engle View			**149.95**
7x15x35 Scoutmaster II			**124.95**

FUJINON

F-SX SERIES *with Fashion Strap*	
7x50 FMT SX	**Call**
7x50 FMTR SX	**Call**
7x50 FMTR CSX	**509.95**
8x30 FMTR SX	**Call**
10x70 FMT SX	**Call**
16x70 FMT SX	**Call**
Tripod Adapter	**19.95**
BIRDING SERIES	
8X42 BFL	**229.95**
10X42 BFL	**234.95**

CD WATER PROOF RP			
7X42	**Call**	8x42	**Call**
10x42	**Call**		

BUSHNELL

DIVISION OF BAUSCH & LOMB

YARDAGE PRO			
400	**204.95**	800	**344.95**
600 Compact			**Call**
New 400 Deluxe			**Call**
New 800 Compact			**Call**
New 1000			**Call**
RANGEFINDERS			
75 Yard	**39.95**	1000 Y	**89.95**
AUDOBON ENDORSED			
8x40 Birder Outfit w/Case, Strap & Birdwatching Guide			**36.95**
NATUREVIEW			
8x30	**71.95**	8x42	**79.95**
10x30 Comp			**79.95**
10x42	**89.95**		
Xtra-Wide			
7x32	**99.95**	4x21	**74.95**
New 10x50			**114.95**
Aspherical			
7x35	**69.95**	8x23	**69.95**
8x40	**79.95**	10x23	**79.95**
10x50	**89.95**		

BAUSCH & LOMB

CUSTOM	
New 8x36 CF R/C w/case	**Call**
10x40 CF R/C w/case	**Call**
9x26 Compact	**Call**
7x26 Compact R/C	**Call**
Elite w/P-C Coating Rubber Armored w/**Case**	
8x42 Waterproof	**Call**
New 8x50 Waterproof	**Call**
10x42 Waterproof	**Call**
New 7x24 Compact	**Call**
New 10x28 Compact	**Call**

Pro-Optic

with Case

PRO-OPTIC 500mm f5.6
SPOTTING SCOPE TELEPHOTO LENS

Fast f/5.6, Short 8.5" (weighs 2 lbs. 11 oz.) May be used as a Spotting Scope with Optional Conversion Kit **only 209.95**

Spotting Scope Conversion Kit with purchase of the Pro-Optic 500/5.6 ***49.95***

F/4 Adapter Converts your Pro-Optic 500 f5.6 to a fast 360 f/4 **74.95**

MINOLTA

STANDARD (Rubber Coated)			
12x50 XL			**134.**
10x50 Classic			**59.95**
POCKETS			
8x22	**54.95**	10x25W	**59.95**

COMPACT			
10x25	**59.95**	8-17x25	**111.95**
ULTRA COMPACT			
6x16	**79.95**	8x18	**89.95**
WATERPROOF			
8x25	**79.95**	10x25	**94.95**

Spotting Scopes

CELESTRON

PRECISION OPTICS

C90 Multi Coated	**Call**
C90 M/C RC w/1 25"	**Call**
C5 5" Spotting Scope	**Call**
New 80mm Wide Field	**Call**
15-45X60 Wildlife	**144.95**
15-60 Pro Zoom	**184.95**
Brass 15x Mini Spotter	**49.95**
Ultima 80	**Call**
New Ultima 65	**Call**

Leitz

SPOTTING SCOPES	
77mm Spotting Scope	**Call**
77mm Spot. Scope APO	**Call**
20-60 Zoom Eyepiece	**Call**

FUJINON

80 w/20X-60X	**Call**
80 ED w/20-60X	**Call**

Tele Vue

RANGER

70mm ED Reflectors **Call**

KOWA 82mm

w/20 to 60x Zoom			
TSN-821	**639.**	TSN-822	**609.**
TSN-823	**1139.**	TSN-824	**1119.**
W/O Eye Piece			
TSN-821	**399.**	TSN-822	**364.**
TSN-823	**899.**	TSN-824	**869.**
27x L.E.R.	**129.**	32x w.a.	**179.**
20-60x Zoom Eyepiece			**249.95**
PA2-C 82mm Photo Adapt.			**159.**

PRO OPTIC

139.95

New 15-45x Fieldstar Spotting scope outfit fully loated, 2.25º F.O.V. at 15x, long eye relief (33mm at 15x) weiggs only 25 oz, Rubber Coated includes case & table top tripod

BUSHNELL

DIVISION OF BAUSCH & LOMB

DISCOVERER	
Discoverer 15x60 Zm	**174.95**
Camera Adapter	**14.95**
Case f/Discoverer	**19.95**
Car Window Mount	**34.95**
SPACEMASTER 60mm	
78-1800 Basic	**149.95**
78-1817 Basic Kit	**247.95**
78-1200 Rub. Arm	**163.95**
78-1217 Rub. Kit	**259.95**
78-2317 RC Zoom	**229.95**
78-2318 RC L.E.R. Zm	**234.95**
78-1821 RC L.E.R. ZM Kit	**274.95**
15,20,25,40,60X,E.P.	**33.95**
22X W.A.Eye Piece	**48.95**
Zoom Eyepiece	**89.95**
New 20-45X L.E.R.	**89.95**
ELITE Waterproof	
15x45 Rubber w/cs.	**Call**
77mm ELITE	
61-7700 77mm ED	**Call**

VIDEO & DIGITAL IMAGING

Panasonic

PRO CAMCORDERS	
AG-DP800H S-VHS 3 Chip	**Call**
AG-EZ30 3CCD Dig. Cam.	**2399.95**
AG-EZ1 3CCD Digital	**Call**
AG-188U 14x Zm VHS	**549.95**
AG-196 14x Zoom	**979.95**
AG 456 S-VHS Pro	**1289.95**
Pro VCR's	
AG-1320 4 Hd VCR	**189.95**
AG-1330 4 Hd VCR	**199.95**
AG-2550 4 HD VCR	**299.95**
New AG-2560 4 HD VCR	**309.95**
AG-5710 Hi-Fi RS-232 VCR	**Call**
AG-1980 S-VHS Hi-Fi Edit	**979.95**
AG-W2 World wide conv.	**Call**
AGA-96 Edit Controller	**369.95**
AGA-350 Edit Controller	**Call**
DS-850 Hi-Fi SVHS	**5269.95**
AG 710 Compact DC VHS	**199.95**
AG 720 Compact DC VHS	**Call**
AG 750 Compact DC VHS	**Call**
AG DS 545 S-VHS	**2679.95**
AG DS 555 S-VHS	**3249.95**
VHS-C Camcorders	
PVA 209 c/f 16X ZM	**Call**
PVLCD-35 3.2 Monitor	**Call**
PVL 557 3.2 Scrn 16x ZM	**Call**
PVL 559 3.0 Screen	**Call**
PVL 659 4.0 Screen EIS	**Call**
PVL 759 4.0 Screen EIS	**Call**
PVL 859 4.0 Scrn 20x ZM	**Call**
PVL 958 3.2 Scrn 20x ZM	**Call**
PVD 910 Digital	**Call**
VCR's	
PV 9401 4 Hd	**Call**
PV 9450 4HD Hi-Fi Stereo	**Call**
PV 9451 4HD Hi-Fi Stereo	**Call**
PV 9661 4HD Hi-Fi Stereo	**Call**
PV 9664 4HD Hi-Fi Stereo	**Call**
PV-S 9670 S-VHS Hi-Fi Stereo	**Call**
PV-S 9668 S-VHS Hi-Fi Stereo	**Call**
PV-S 7680 S-VHS Hi-Fi Stereo	**Call**
PVS 9670 S-VHS Hi-Fi	**Call**
PRO Monitors	
CT-1331Y 13"	**Call**
CT-1386Y 13"	**Call**
CT 1386 VY w/Tuner	**Call**
CT-2086VY	**Call**
CT-2086Y	**Call**

Canon

Optura Dig. Cam.	**Call**
XL1 3 Chip Digital Pro Cam.	**Call**
Canon ZR Digital	**Call**
Elura Mini DV w/2.5 LCD	**Call**
Vistura Digital Camcorder	**Call**
ES4000 Hi-8 22X Opt. 44X Dig Stab Clr VF	**599.95**
ES3000 Hi-8 20X 40X	**449.95**
ES2500 Hi-8 Stab.	**469.95**
ES7000V Hi-8 w/3.5 Scrn	**Call**
ES300V 8mm w/3.5 Scrn	**Call**
ES970 22XClr VF/Stab.	**Call**
ES 180 8mm 16x Opt. 32x Dig.	**Call**
ES 280 8mm w/Stab	**Call**

SONY

AUTHORIZED SONY U.S.A. DEALER

we carry a full line of Sony products for immediate delivery
- *All equipment complete with accessories as supplied by Sony*
- *Call for the Best Prices*

JVC

GRAX-640 Stab.16X Opticl	**Call**
GRAX-840 Stab.16X 50x C.F.	**Call**
GRAX-M310 2.5 LCD 16x 320x	**Call**
GRAX-M710 Dul. Cam. 2.5 LCD	**Call**
GRAX-M910 Dul Cam 3" LCD	**Call**
GRAX-920 Stab.14X CLR-VF	**399.95**
GRAX-930 Stab.22X CLR-VF	**399.95**
GRAX-M300 w/3" Flip out	**Call**
GRDV-9500 Digital w/4" Flip out Screen 22x Zoom	**Call**
GRD-VM3 Digital	**Call**
GRD-VM5 Dig w/2.5" Scrn	**Call**
GRD-VM50V Dig w/2.5" Still	**Call**
GRD-VA1 16x DV Camcordr	**Call**
GRD-VF10 2.5" Scrn DV Cam	**749.95**
GRD-VX Pro Digital w/Docking Sta. w/2.5" Flip-Out Screen	**1469.95**
GVPT-2U Color Video Printer	**Call**
GVD-S2 Docking Station	**249.95**
HRS-4500U S-VHS VCR	**Call**
HRS-7500U S-VHS VCR	**Call**
HRS-9500 S-VHS VCR	**Call**

HITACHI

VME-540 16x EIS-FEH	**369.95**
VME-720 Hi-8	**399.95**
VMH-725 LA Hi-8mm with 3" LCD Flipout Screen	**499.95**
VMH-835 LA Hi-8mm with 3" LCD Flipout Screen	**Call**
New VMH-845 LA Hi-8mm with 3" LCD Flipout Screen	**Call**
New VMH-835 LA Hi-8mm with 3" LCD Flipout Screen	**Call**
VM6300-A VHS Clr Fndr	**339.95**

PAL SYSTEM EQUIPMENT

SONY	
TR 311 - 16x	**399.95**
TR 506 12x	**399.95**
TRV 26 w/2.5"Scrn 220x	**Call**
TRV 27 w/2.5"Scrn 230x	**Call**
TRV 46 w/2.5"Scrn HI-8	**Call**
TR 110 Digital 8 w/3.5"Scrn.	**Call**
TR 310 Digital 8 w/3.5"Scrn.	**Call**
TRV 66 HI-8 w/2.5"Scrn	**Call**
TRV 89 HI-8 w/3.5"Scrn	**929.95**
TRV 99 HI-8 w/4"Scrn	**Call**
TRV 900 Digital w/4"Scrn	**Call**
TR-3000 Hi-8	**Call**
VX 1000 3 Chip Digital	**Call**
DCR-PC1 Mini Dig. w/2.5 Scrn	**Call**
PANASONIC VHS-C Camcorders	
NV X10 14x 3" Screen	**549.95**
NV X70 w/4" Screen	**549.95**
NV RX11 VHS - 14x	**Call**
NV-M9500 S-VHS	**995.95**
AG 4700 S-VHS VCR	**649.95**
NVX 33 21X 2.5 Scrn	**539.95**
NVX 77 21X 350x 3.8 Scrn	**649.95**

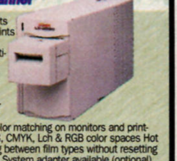
SHARP

8mm CAMCORDERS	
VLE-600 16x 8mm View Cam	**Call**
VLE-650 16x 8mm View Cam	**Call**
VLE-660 16x 2mm 40x Dig. EIS	**Call**
VLE-700 4" 16x 8mm View	**Call**
VLE-750 4" 16x 8mm V-C EIS	**Call**
VLE-760 4" 16x 40x Dig.8mm	**Call**
VLE-800 / 850 Hi-8 View Cam	**Call**
VL-SE10U 8mm Slim Cam 16x 3" Scrn	**Call**
VL-SE20U 8mm 4" Scrn 16x EIS	**Call**
VL-PDIU Dig Slim w/4" Touch Scr	**Call**
ACCESSORIES	
BT-H11UP NI-MH Battery	**79.95**
BT-L1UP Lith. ION Batt.2400	**89.95**
BT-77UP 1 Hr. Nicad Batt. Pk	**39.95**
VR-FA100P Tripod Adpt.	**29.95**
VR-30ADP Video Light Adpt.	**39.95**
VR-30LVP Video Light	**49.95**
VR-410PCNP Protective Cover	**59.95**
VR-31CAUP Car Batt. Adpt.	**59.95**
VR-TC37 37mm Tele Lens	**49.95**

SONY PRO

SVO1420 VHS VCR	**Call**
SVO1520 4 HD VHS VCR	**Call**
SVO1620 4 HD VHS VCR	**Call**
PVM14M2U 14" Clr Montor	**Call**
PVM14N1U 14" Clr Montor	**Call**
PVM14N2U 14" Clr Montor	**Call**
DSR200 Digital Camcorder	**Call**
DSRPD 100 3CCD Camcorder	**Call**
DSRV10 Digital Walkman	**Call**
DSR30 Digital VCR	**Call**

Nikon LS-2000 Slide Scanner



Revolutionary Digital ICE technology automatically removes surface defects such as dust, scratches and fingerprints from scans Fast, with average scan times of 20 seconds at 2700 dpi optical resolution Dynamic range of 3.6 is highest available in a desktop film scanner Multi-Sample Scanning feature gives you the quality of a drum scanner on your desktop Nikon Color Management System provides vivid, extremely accurate color, ensures color matching on monitors and printers, and allows users to work in RGB, CMYK, Lch & RGB color spaces Hot swappable adapters allows switching between film types without resetting scanner or software Advanced Photo System adapter available (optional) Unique auto slide feeder allows unattended batch scanning of up to 50 slides (optional) LED technology provides consistent, reliable color without recalibration High quality, high resolution 36 bit color images at file sizes up to 56 megabytes.

CALL US FOR OUR BIG SELECTION OF DIGITAL IMAGING EQUIPMENT & DIGITAL IMAGING WORK STATION RENTAL
800-8-ADORAMA
212-647-1500

Kodak DCS-315

Professional Digital Camera
The way to real digital photography

- Our most affordable pro camera combines the versatility of a Nikon SLR with the high quality of Kodak's digital technology
- Meet nearly any application with ISO 100-400, 2 fps burst, and 1.5 megapixel sensor
- Analyze images for composition and exposure on location with LCD and histogram display
- Choose in camera TIFF or 3 levels of JPEG files

Digital Cameras

Agfa ePhoto 1280	**Call**
Agfa ePhoto 1680 Mega Pixel	**Call**
Canon Power Shot A5	**Call**
Pentax EI -C90	**329.95**
Ricoh RDC-1	**349.95**
Ricoh RDC-4200 Mega Pixel	**Call**
Ricoh RDC-300Z w/Screen	**339.95**
Epson PC 700	**Call**
Fuji MX-700 Mega Pixel	**Call**
Fuji DS-330 Pro	**Call**
Minolta RD-175 SLR	**Call**
Minolta EX-1500 Mega Pixel	**Call**
Konica Mega Pixel M100	**Call**
Kodak DC-210 Plus	**Call**
Kodak DCS-315	**Call**
Kodak DCS-420	**Call**
Kodak DCS-460	**Call**
Kodak DCS-520	**Call**
Panasonic PVD 1580	**Call**
Sony MVC-51/71 Floppy Cam.	**Call**
Sony MVC-81/91 Floppy Cam.	**Call**

Prices Valid to March. 10, 1999

Video Imaging

Video Dept. #44

Dial Direct

ADORAMA'S ADVERTISED PRICES INCLUDE ALL MFR. ACCESSORIES & ARE FULLY WARRANTIED. ORDERS SHIPPED PROMPTLY

Professional Film Temperature MAINTAINED at a Chill 55º

Kodak PRO Products Network

At Adorama, all Kodak professional films are made for the U.S.A. and covered by Kodak Warranties, and qualify for Kodak PRO-Rewards Program

CHILL
55°
LIMIT
MAINTAINED.

And of course, whatever you order comes with Adorama's Chill 55º quality film control — at no extra cost.

It's Payback Time
$

Buy any of the films listed below and KODAK Professional will send you a voucher good toward the future purchase of KODAK products at ADORAMA

Film	Format	Requirerments Purchase	Voucher
Kodak Ektachrome 100 Plus Professional Film	120	10 rolls	5.00
	120	2 Pro Packs	5.00
	220	3 Pro Packs	5.00
	35mm	5 rolls	5.00
Kodak T-Max 100 Professional Film	120	20 rolls	6.00
	120	4 Pro Packs	6.00
	35mm	10 rolls	4.00
Kodak T-Max 400 Professional Film	120	20 rolls	6.00
	120	4 Pro Packs	6.00
	35mm	10 rolls	4.00
Kodak Tti-X 400 Professional Film	120	20 rolls	5.00
	35mm	10 rolls	4.00

APS FILM

FUJICOLOR SMART

DS 100 25 Exp.	4.39
DS 100 40 Exp.	5.49
DA 200 25 Exp.	3.85
DA 200 40 Exp.	3.69
DH 400 25 Exp.	3.49
DH 400 40 Exp.	3.89

KONICA JX

JX-200 15 EXP.	2.85
JX-200 25 EXP.	3.29
JX-200 40 EXP.	4.49
JX-400 15 EXP.	3.09
JX-400 25 EXP.	3.69
JX-400 40 EXP.	4.99

KODAK ADVANTIX

100 25 Exp.	2.89
100 40 Exp.	3.69
200 15 Exp.	2.69
200 25 Exp.	2.99
200 40 Exp.	3.79
400 25 Exp.	3.75
400 40 Exp.	4.39
B&W 400 25 Exp.	4.99

AGFA FUTURA

100 25 Exp.	3.59
400 25 Exp.	4.39
400 40 Exp.	5.79

APS MAILERS

KODAK

APS-15 EXP.	7.79
APS-25 EXP.	8.99
APS-40 EXP.	13.69

FUJI

APS-15 EXP.	7.49
APS-25 EXP.	8.99
APS-40 EXP.	13.49

ILFORD

		Black & White Roll Film					Black & White Sheet Film		
Film Type	ASA	24 Exp.	36 Exp.	120	220 ProPak	Bulk 100	4x5 25	4x5 100	8x10 25
PanF Plus	(50)	—	2.89	2.09	—	25.50	—	—	—
FP4 Plus	(125)	1.99	2.49	2.09	23.75	24.95	14.95	55.95	48.95
XP-2	(400)	—	2.69	—	—	—	—	—	—
XP-2 Super	(400)	2.69	3.39	2.19	—	29.95	—	—	—
HP-5 Plus	(400)	2.09	2.49	2.09	24.50	25.95	14.95	53.75	48.95
Delta	(100)	2.30	3.39	2.39	—	36.95	15.29	56.95	49.95
Delta	(400)	2.39	3.39	2.39	27.95	34.95	15.95	59.95	51.95
SFX 200 Infrared		—	5.75	4.95	—	—	—	—	—
ORTHO		—	—	—	—	—	12.49	—	41.95

AGFA FILM

AGFAPAN (B&W)

Film		135-36	120	100'Bulk
APX	25	2.75	1.90	—
APX	100	2.75	1.90	23.95
APX	400	2.75	1.95	23.95
Scala	200	7.25	4.95	—
Scala Mailer (36/120)				5.99

AGFACHROME (Slide)

Film		135-36	120	100'Bulk
RSX	50	4.89	3.39	—
RSX	100	5.45	3.69	71.95
RSX	200	5.89	4.09	—
CTX	100	4.49	—	—
CTX	200	4.89	—	—

AGFACOLOR (Print)

Film		135-24	135-36	Bulk 100'	120	220 PP
HDC	100	2.49	2.99	—	—	—
HDC	200	1.99	3.49	—	—	—
HDC	400	2.99	3.89	—	—	—
Optima	100	3.09	3.89	—	2.99	
Optima	200	3.69	4.19	—	3.05	—
Optima	400	3.99	4.59	45.95	3.49	31.50
Ultra	50	3.19	3.99	—	3.29	—
Portrait	160	3.09	3.89	—	2.25	31.50

AGFA 4x5 Sheet Film

Sheets	APX 100	Scala	RSX 100	Optima 100
10	—	16.95	—	15.75
25	11.95	—	—	—
50	—	—	64.95	—

Lowepro

PROFESSIONAL AW
ALL WEATHER CASES

Commercial AW			191.95
Commercial AW Med. Format			216.
Magnum AW			161.95
Magnum AW Med.Format			163.95
Mag 1 AW	130.95	Mag 2 AW	149.
Compact AW			126.95
Elite AW			106.95
Mini Magnum AW			85.95

TREKKING SERIES

Mini	99.95	Trim	120.95
Photo Trekker Classic			152.95
New Nature Trekker			189.95
Photo Trekker AW			229.95
Pro Trekker AW			319.95
Super Trekker AW			Call
Sideline Shooter			51.95
Orion	46.95	Orion Mini	31.95
Orion Trekker /Daypack			60.95
Off-Road	72.95	Orion AW	122.95
Photo Runner			43.95
Off Trail Belt Pack			37.95
New Off Trail 2			62.95

ACCESSORIES

Pro Lens Case #5	26.95
Photo Gloves	18.95

Photo Trekker AW

229.95

- The most popular of the Trekkers, holds 2 large pro SLRs with attached lenses + 6-8 aditional lenses, flash & accessories, or a complete 4x5 field camera system, includes the AW cover, adjustable harness system and a tripod mount

12"W x 6"D x 19"H.
Available in Black or Forest Green

NEW PRO ROLLER

Pro Roller#1	Call
Pro Roller#2	Call

COMPACT SERIES

Topload Zoom 2			26.95
Topload Zoom AW			49.95
Nova -1	32.95	Nova 3	39.95
Nova -2	36.95	Nova 4	49.95
Nova 5	53.95		

OutPack

Scopepack

A unique Backpack for "super-telephoto" lenses. Holds any lens up to 800mm mounted to the camera body. Also ideal for spotting scopes - the large main compartment holds a scope without having to remove it from the tripod. Has four 9x6x3" outside pockets. Main compartment is 24 x 8"

Colors: Rich Deepwater Blue (B), classic Olive Green (G) or Camouflage (C).

Canon Professional Back Pack 1

64.95

- Two main compartements, three easily accessible side pockets and one zippered back pockt.
- Three removable padded partition walls
- Main compartment measures: 16¼x12½ x 5¼".
- Color: Forest Green

Canon Deluxe Back Pack 10

46.95

- Two main compartements, three easily accessible side pockets and one zippered back pockt.
- Main compartment measures: 10⅛x12½ x 5⅛".
- Color: Forest Green

KODAK FILM

COLOR PRINT FILM 35mm

film	ASA	135-24 DI	135-24 Roch.	135-24 Proc. DI	135-24 Proc. Roch.	135-36 DI	135-36 Roch.	135-36 Proc. DI	135-36 Proc. Roch.
GA	(100)	1.59	2.75	8.08	9.24	2.09	3.59	10.48	11.98
GB	(200)	1.95	3.49	8.43	9.98	2.49	4.19	10.88	12.58
GC	(400)	2.05	3.65	8.54	10.14	2.49	4.49	10.88	12.88
GT Gold Max	(800)		3.95		10.44	3.69	4.99	12.08	13.38
Royal Gold RA	(100)	3.25	3.39	9.74	9.88	3.79	4.49	12.18	12.88
Royal Gold RB	(200)	3.79	3.95	10.28	10.44	4.39	5.19	12.78	13.58
Royal Gold RC	(400)	3.69	4.39	10.18	10.88	4.69	5.59	13.08	13.98
Royal Gold RF	(1000)	4.69	5.29	11.18	11.68	5.89	–	14.28	–

SLIDE FILM 35mm

	ASA	135-24 DI	135-24 Roch.	135-24 Proc. DI	135-24 Proc. Roch.	135-36 DI	135-36 Roch.	36X w/KODAK PR. DI	36X w/KODAK PR. Roch.	36X w/FUJI P/. DI	36X w/FUJI P/. Roch.
KM	(25)	—	—	—	—	-	5.95	-	10.24	-	–
KR	(64)	—	3.99	—	7.46	-	4.19	-	8.48	-	–
KL	(200)	—	5.19	-	8.56	-	7.05	-	11.34	-	-
Elite EA	(50)	—	—	—	-	—	5.99	—	10.28	—	9.38
Elite EB	(100)	3.35	4.29	6.72	7.66	3.49	4.49	7.78	8.78	6.64	8.78
ET	(160)	-	-	-	-	5.89	7.09	10.18	11.38	9.98	10.38
Elite ED	(200)	4.79	5.49	8.16	8.86	4.89	6.75	9.18	11.04	8.18	10.04
Elite EL	(400)	—	5.99	—	9.36	5.69	-	9.98	-	8.98	–

Kodak PREMIUM PROCESSING
Processing By Mail

Kodak
Kodak

MAILERS for Prints

DP-12	4.49	DP-24	6.49
DP-36	8.39		

for Slides

PK-12	5.99	PK-24	3.37
PK-36	4.29	ESP-1 *(push)*	2.69
PK-59 *(Movie)*	5.59		

for PHOTO CD

PKT-24	18.49	DPT-24	25.95
Fuji Slide Mailer (36X)	3.29		

DISPOSABLE CAMERAS

KODAK Fun Savers

Fun Saver	4.39	w/Flash	7.29
Panoramic	6.69	Weekend	7.75
Wedding Pack (5)			39.95
Fun Saver APS w/Flash			8.95

FUJI Quick Snaps

Outdoor	4.65	w/Flash	6.49
Panorama	7.49	w/Flash	12.99
Water Proof			8.79

AGFA FILM

Wedding Pack	28.95
Ocean Water Proof	8.49
Easy APS w/Flash	11.99

KODAK MOVIE FILM

PXR 464 (B&W)	10.49
TXR 464 (B&W)	10.49
KMA 464 (silent)	9.95
KMA 594 (sound)	14.95

Scotch 3M

COLOR SLIDE FILM

	135-36	w/Proc.
Scotch 100	2.99	6.28
Scotch 400	4.79	7.58
Scotch 640 T	5.49	8.78

KODAK SHEET FILM USA

COLOR PRINT	4x5 10	4x5 50	8x10 10	8x10 50
4106 (VPS)	16.95	73.40	60.59	–
4111 (Vericolor)	9.95	–	34.95	155.95
4112 (VC intrng)	17.49	76.95	64.95	294.95
4325 (Comm Int.)	17.85	75.95	65.95	294.95
PRT (100T)	17.49	78.95	65.95	–
PMC (400)	19.95	–	–	–
Portra 160 NC	16.95	74.95	61.95	–
Portra 160 VC	16.95	74.95	61.95	–
Portra 400 NC	18.95	–	70.95	–

COLOR SLIDE		4x5 10	4x5 50	8x10 10	8x10 50
6117	(EPR)	20.49	92.95	77.95	359.95
6118	(EPY)	18.29	83.49	66.95	309.95
6121	(DUP)	38.95	70.95	139.95/25	269.95
6105	(EPP)	18.95	85.95	72.95	334.95
7058	(EPN)	19.25	86.95	72.95	334.95
E100 S		18.95	85.95	71.95	332.95
E100 SW		18.95	85.95	67.95	317.95

BLACK & WHITE		4x5 25	4x5 100	5x7 100	8x10 25	8x10 50
4147	(PX)	16.95	62.95	99.95	54.95	106.95
4164	(TX)	16.95	62.95	97.95	54.95	106.95
4052	(TMX)	16.95	62.95	103.95	54.95	–
4053	(TMY)	17.95	66.95	109.95	57.95	–
T400-CN		8.95		10 Sheets		
S0132	(DUP)	32.95	–	–	103.95	–
4125	(Copy)	23.95	87.95	138.95	–	149.95
4127	(Comm)	28.95	–	–	–	187.95
2556	(Ortho)	–	45.95	–	100 Sht.	144.95
4143	(HIE)	47.95	–	–	–	–
4415	(TP)	35.95	–	–	124.95	–
4162	(Ektapan)	18.95	68.95	108.95	–	112.95

4x5 READY LOAD (20 Sheets)

64T	(64)	46.95	E100S	48.95
EPP	(100)	49.95	E100SW	48.95
Portra	160-VC	47.95	Ready Load Holder	51.95
TMX	(100)	33.95	HP Combo Plan T Sys.	44.95

PRO COLOR PRINT FILM USA 35mm 120/220

Film	ASA	135 -36	36X with PROC	135 36 PP	120 Single	120 ProPak	220 ProPak
PJ-100	(100)	3.29	11.68	16.45	–	–	–
PRT	(100T)	–	–	–	3.49	17.45	–
VPS	(160)	5.39	13.78	26.95	3.39	16.95	33.90
PMC	(400)	5.65	14.04	28.25	3.49	17.45	33.95
PJ 400	(400)	3.49	11.88	17.45	–	–	–
PJ 800	(800)	4.19	12.58	20.95	–	–	–
PMZ	(1000)	6.30	14.69	31.50	3.95	19.75	38.95
Portra 160 NC		5.50	13.89	27.50	3.49	17.45	34.90
Portra 160 VC		5.50	13.89	27.50	3.49	17.45	34.90
Portra 400 NC		5.79	14.18	28.95	3.60	17.99	36.60
Portra 400 VC		5.79	14.18	28.95	3.60	17.99	36.60

Bulk 100'

Kodalith	
6556	45.95
5072	65.95
5325	81.95
VPS	41.95
PMC	43.95
Portra 160NC	42.95
Portra 400NC	43.95
GPX (160) 135-8 Exp ProPack (10)	15.95

PRO SLIDE FILM USA 35mm 120/220

	ASA	135-36	36X w/KODAK PROC	36X w/FUJI PROC	120 Single	120 ProPak	220 ProPak	Bulk 100'
PKM	(25)	8.49	12.78	-	–	–	–	–
EPY	(64)	7.99	12.28	11.28	4.49	–	–	84.95
EPR	(64)	8.99	13.28	12.28	4.79	23.95	47.95	94.95
PKR	(64)	8.49	12.78	-	–	–	–	–
EPN	(100)	8.49	12.78	11.28	4.59	22.95	44.95	89.95
EPP	(100)	8.49	12.78	11.40	4.49	22.45	43.95	88.95
E100 S	(100)	5.99	10.28	9.28	3.99	19.95	39.95	87.95
E100 SW	(100)	5.99	10.28	9.28	3.99	19.95	39.95	87.95
E100 VS	(100)	7.99	12.28	11.24	4.99	24.95	7.99	99.95
EPT	(160)	9.29	13.48	12.28	4.89	24.45	–	97.95
E-200	(200)	7.99	12.28	11.28	4.50	22.50	47.95	89.95
PKL	(200)	9.29	13.58	-	–	–	–	–
EPJ	(320T)	9.79	14.08	12.78	–	–	–	–
EPL	(400)	9.25	13.54	12.28	5.39	–26.95	–	107.95
EPH	(1600)	10.95	–	–	–	–	–	–
5071	(DUP)	6.99	11.28	9.80	–	–	–	42.95
HCS	(EKTA)	5.49	9.78	7.96	–	–	–	–
S0366		6.99	11.28	9.80	–	–	–	59.95
S0279		6.99	11.28	9.80	–	–	–	–
EIR		17.49	–	–	–	–	–	–

BLACK & WHITE FILM USA 35mm Prof. 120/220

	ASA	135 24	135 24 Proc.	135 36	135 36 Proc	120	120 PP	220 PP	Bulk 100'
PX	(125)	2.59	9.08	3.69	12.08				
PXP	(125)	–	–	–	–	–	12.49	25.50	31.95
TXP	(320)	–	–	–	–	–	12.89	25.95	–
TX	(400)	2.59	9.08	3.59	11.98	2.49	–	–	33.95
TMX	(100)	2.69	9.18	3.85	12.24	2.49	12.45	–	34.95
TMY	(400)	2.89	9.38	3.95	12.34	2.59	12.95	–	36.95
T400 CN	(C41)		2.99	9.48	4.09	12.48	2.69	–	28.95
B&W Plus	(C41)	2.99	–	–	–	–	–	150'→	59.95
TMZ	(3200)	–	–	4.69	–	–	–	–	80.95
TP	(Copy)	–	–	6.79	–	5.49	–	–	–
VP	(120)	–	–		–	2.19	–	–	
HIE		–	–	8.99	–	–	–		

FILM SPECIALS

KODAK

E100 S (100) 135-36 20 Pack	$113.95
E100 SW (100) 135-36 20 Pack	$113.95
New! E100 VS (100) 135-36 20 Pack	$149.95
E200 (200) 135-36 20 Pack	$151.95
PJ100 (100) 135-36 20 Pack	$65.95
PJ400 (400) 135-36 20 Pack	$67.95
PJ800 (800) 135-36 20 Pack	$79.95

FUJI FILM

Fuji Professional

Fujicolor Print Film

		35mm			Roll Film	
	ASA	24	w/p	36x	w/p	120
CU	(1600)	3.39	9.84	3.89	12.28	—
CS Reala	(100)	2.79	9.28	2.99	11.38	2.45
Superia / Super G Plus Film						
Superia	(100)	1.79	8.28	1.99	10.38	2.69
Superia	(200)	1.99	8.48	2.29	10.68	—
Superia	(400)	2.39	8.88	2.99	11.38	—
Super G Plus	(800)	—	—	3.49	11.88	—
Superia	(800)	—	—	3.99	12.38	—

SENSIA SLIDE FILM

	ASA	24X	24X w/p	36X	36X with Processing by Fuji	36X with Processing by Kodak
RA	(100)	-	-	3.09	6.38	7.28
RM II	(200)	2.99	6.36	3.49	6.78	7.88
RH II	(400)	3.99	7.36	4.19	7.48	8.48

FUJI QUICK LOAD

Film Holder	104.95	**RDP II** Provia	51.95
RVP Velvia	51.95	**RTP** 64T	49.95
RAP Astia	51.95		

FUJICHROME PROFESSIONAL SLIDE FILM

	ASA	35mm 36X	w/Processing by Fuji	w/Processing by Kodak	120	220	Bulk 100'	4x5 10	4x5 50	8x10 10	8x10 50
RVP Velvia	(50)	4.99	8.28	9.28	3.15	6.89	74.95	17.50	79.50	67.95	317.95
RTP	(64)	4.99	8.28	9.28	3.29	-	79.95	16.95	78.95	63.95	299.95
RAP Astia	(100)	3.99	7.28	8.28	3.19	6.49	69.95	16.75	77.95	65.95	305.95
RDP II Provia	(100)	4.89	8.18	9.18	3.49	6.59	73.95	17.95	82.50	67.95	319.95
RMS 100/1000		7.49	-	-	4.69	9.95	99.95	-	-	-	-
RHP Provia	(400)	6.19	9.48	10.48	4.19	-	102.89	-	-	-	-
RSP Provia	(1600)	6.89	-	-	-	-	-	-	-	-	-

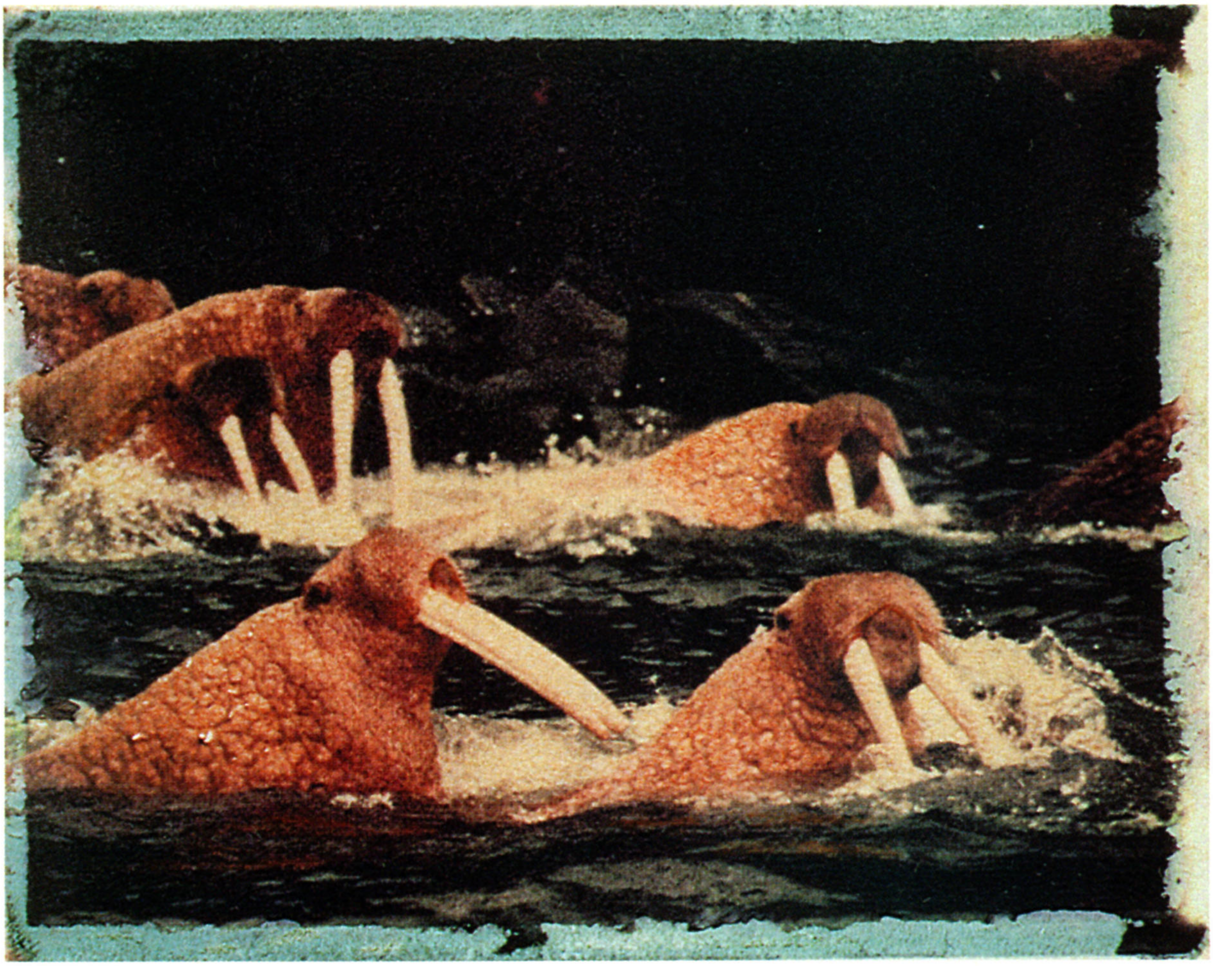
	ASA	35mm 36x	35mm w/p	Roll Film 120	Roll Film 220	100' Bulk	4x5 10	4x5 50	8x10 10	8x10 50
FUJICOLOR PRO PRINT FILM										
NPS	(160)	2.59	10.98	2.25	5.39	39.95	15.49	69.95	56.95	—
NPL	(160)	—	—	3.39	—	—	15.95	69.99	56.99	—
NPH	(400)	3.99	12.38	2.54	5.69	—	—	—	—	—
NHG II	(800)	5.79	14.18	3.79	7.59	—	—	—	—	—
FUJI PRO BLACK & WHITE FILM										
Neopan	(100)	1.99	10.38	-	-	-				
Neopan	(400)	2.44	10.83	2.25	-	32.95	—	—	—	—
Neopan	(1600)	3.19	11.58	—	-	—	—	—	—	—
CDU Duplicating		—	—	—	-	40.95		65.95		249.95
ITN Internegative		—	—	—	-	70.95	16.89	72.95	58.95	275.95

All Orders are Shipped Via UPS 3 DAYS Select

Film

Dial Direct Film Dept. #41

VISIT US ON THE WEB @ WWW.ADORAMACAMERA.COM



I AM THE WALRUS

If you want to see walruses lying around and doing nothing, the odds are in your favor. But if your goal is to see them actually move, it takes a bigger time commitment. Natalie Fobes spent 15 years making images for her new book, **I Dream Alaska**, *and she was lucky enough to see these guys taking a dip. She seized this opportunity to photograph them up close on a trip to Round Island when her boat made an unexpected detour. To capture the feel of a family album, Fobes used the Polaroid transfer technique to give her images a dreamy, painterly look. "While you lose the sharp edges of a glossy print, you gain a timeless quality," she explained.*

Nikon F3, Nikkor 300mm *f*/4.5, Kodachrome 200

Outdoor Photographer *(ISSN: 0890-5304)*—**Vol. 15 No. 5**— *is published monthly except bimonthly Jan./Feb. and July/Aug. by Werner Publishing Corp. Executive, editorial and advertising offices: 12121 Wilshire Blvd., Suite 1200, Los Angeles, CA 90025-1176, (310) 820-1500. Periodicals Postage Paid at Los Angeles, Calif., and additional mailing offices. Single copy price—$3.99. Annual subscription in U.S., Possessions, APO/FPO—$19.94. Canada—$28.83; other foreign—$26.94, including postage and taxes. Payable in U.S. funds. For orders, address changes and all other customer service, phone toll-free (800) 283-4410. POSTMASTER: Send address changes to* **Outdoor Photographer**, *Box 57213, Boulder, CO 80328-7213. See magazine mast for specific information on solicited and unsolicited contributions and the purchase of back issues.*

INTRODUCING THE
New Tamron AF28-300mm:

Photo by Bruce Bennet, NHL team photographer covering the New York Rangers, New York Islanders, New Jersey Devils and Philadelphia Flyers. 1/500 sec. at F/6.3, f=300mm

Imagine one lens that enables you to photograph tight action shots, the overall scene, or astounding macro detail–all with professional results. A quantum leap in optical technology, the new Tamron AF28-300 is that lens. With an optical design never before attempted, Tamron has again brought photography to a level once deemed impossible. Not a mere lens evolution, but rather a revolution, the Tamron AF28-300 employs an integration of Hybrid Aspherics applied to Low-Dispersion (LD) glass elements. This cutting edge technology is enhanced by the use of the world's first Quad-Cam Zoom. This patented mechanism allows the lens to achieve compactness at 28mm while holding precise extension at 300mm. Rounding out this lens' impressive feature list is a newly designed Internal Focusing (IF) System. Brilliant color, edge to edge sharpness, and unprecedented image quality throughout its entire 10.7X zoom range make Tamron's 28-300 the choice to match the vastness of your imagination. Suddenly the future is in focus...

NEW
TAMRON
100 70 50 35 28
AF
M

AF 28-300mm

F/3.5-6.3 LD Aspherical (IF) Macro

Tamron's remarkable 28-300mm provides true macro capability with its 1:3.7 maximum magnification ratio at f=200mm

SHARPER BY DESIGN
TAMRON®

Tamron Industries, Inc. 125 Schmitt Blvd., Farmingdale, NY 11735 (516) 694-8700 Fax (516) 694-1414 www.tamron.com In Canada, Amplis Foto, 22 Telson Rd., Markham, Ontario L3R1E5 amplis@planeteer.com

▲ Circle No. 181 on Reader Service Card.

It catches whatever catches your eye.

Photo by: Larry Dale Gordon

Elan IIE with Eye Controlled Focus

Whirling figures. Swirling colors. Your eye darts to the dancer on the right. Your Elan IIE follows your eye and focuses. Instantly. Only Canon has Eye Controlled Focus. Experience the freedom and flexibility it gives you. Held horizontally or vertically, there's no need to center and recompose.

Now, add the range of over 50 state-of-the-art EF autofocus lenses and your creativity is boundless. When a great shot catches your eye, catch it with the Elan IIE.

Canon
EOS ELAN II E
EYE CONTROL
ULTRASONIC
CANON ZOOM LENS EF 28-80mm 1:3.5-5.6 USM
φ58mm
CANON INC.

▲ Circle No. 170 on Reader Service Card.

© 1999 Canon U.S.A., Inc. Call 1-800-OK-CANON or visit us at http://www.usa.canon.com on the web.

Canon

So advanced... it's simple.